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**DEPARTMENT OF AGRICULTURE**

**AGRICULTURAL**  
**STATISTICS**

**1971**



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# Agricultural Statistics, 1971

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## Introduction

Agricultural Statistics is published each year to meet the diverse needs for a reliable reference book on agricultural production, supplies, consumption, facilities, costs, and returns. Its tables of annual data cover a wide variety of facts in forms suited to most common use.

Inquiries concerning more current or more detailed data, past and prospective revisions, or the statistical methodology used should be addressed directly to the agency credited with preparing the table. Most of the data were prepared or compiled in the U.S. Department of Agriculture. A few tables were prepared in other Government agencies.

The historical series in this volume have been generally limited to data beginning with 1954 or 1955 or the most recent 10 years. However, many of the series carry a reference in the source note to the table in Agricultural Statistics, 1967, where comparable data for earlier years can be found. In the 1967 issue, historical tables showing totals for the United States begin with 1866 for the principal crops and with 1867 for January 1 livestock numbers, and most other basic tables showing national totals begin with 1929, 1934, 1939, or 1944 (livestock and poultry tables 1 year later) depending in part on the relative need for a long series.

These two publications should provide data for enough years to meet the needs of most users.

Agricultural data for Alaska and Hawaii are included in the appropriate tables, where available. Certain statistics for these two States are found in chapter XIV.

U.S. foreign agricultural trade statistics include Government as well as non-Government shipments of merchandise from the United States and Territories to foreign countries. They do not include U.S. shipments to the U.S. Armed Forces abroad for their own use or shipments between the States and U.S. Territories. The world summaries of production and trade of major farm products are prepared by the U.S. Department of Agriculture from reports of the U.S. Department of Commerce, official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, and the result of office research.

Three types of data are included in this volume. Statistics presented in many of the tables represent actual counts of the items covered. Most of the statistics relating to foreign trade and to Government programs, such as numbers and amounts of loans made to farmers, and amounts of loans made by the Commodity Credit Corporation, etc., are data of this type. A large number of other tables, however, contain data that are estimates made by the Department of Agriculture, which in many cases are supplemented by a third type of data obtained in census enumerations.

The estimates for crops, livestock, and poultry made by the U.S. Department of Agriculture are prepared mainly to give timely current State and national totals and averages. They are based on data obtained by sample surveys of farmers and of people who do business

## WEIGHTS, MEASURES, AND CONVERSION FACTORS

(See explanatory text just preceding this table)

## WEIGHTS AND MEASURES

Commodity	Unit <sup>1</sup>	Approximate net weight	Commodity	Unit <sup>1</sup>	Approximate net weight
		<i>Pounds</i>			<i>Pounds</i>
Alfalfa seed.....	Bushel.....	60	Cream, 40-percent butterfat.....	Gallon.....	8.38
Apples.....	do.....	48	Cucumbers.....	Bushel.....	48
	Northwest box <sup>2</sup> .....	44	Dewberries.....	24-quart crate.....	36
	Fiberboard box, cell pack.....	37-44	Eggplant.....	Bushel.....	33
Apricots.....	Lug (Brentwood) <sup>3</sup> .....	24	Eggs, average size.....	Case, 30 dozen.....	47.0
Western.....	4-basket crate <sup>4</sup> .....	26	Escarole.....	Bushel.....	25
Artichokes:			Figs, fresh.....	Box, single layer <sup>5</sup> .....	6
Globe.....	1/4 box.....	20	Flaxseed.....	Bushel.....	56
Jerusalem.....	Bushel.....	50	Flour, various.....	Bag.....	100
Asparagus.....	Crate.....	30	Grapefruit:		
Avocados.....	Lug <sup>6</sup> .....	12-15	Florida and Texas.....	1/4-box mesh bag.....	40
Bananas.....	Fiber folding box <sup>6</sup> .....	40	Florida.....	1-3/5-bushel box.....	85
Barley.....	Bushel.....	48	Texas.....	1-2/5-bushel box.....	80
Beans:			California Desert		
Lima, dry.....	do.....	56	Valleys and	Box <sup>10</sup> .....	19 64
Others, dry.....	Sack.....	60	Arizona.....	Carton <sup>10</sup> .....	32
Lima, unshelled.....	Bushel.....	28-32	California, other than Desert		
Snap.....	do.....	28-32	Valleys.....	Box <sup>10</sup> .....	67
Beets:				Carton <sup>10</sup> .....	33 1/4
Without tops.....	do.....	50	Grapes:		
Bunched.....	Wirebound crate.....	45			
Berries, frozen pack:			Eastern.....	4-quart climax basket.....	6
Without sugar.....	50-gallon barrel.....	380		12-quart basket.....	18-20
3+1 pack.....	do.....	425		Lug <sup>11</sup> .....	28
2+1 pack.....	do.....	450	Western.....	4-basket crate <sup>12</sup> .....	20
Blackberries.....	24-quart crate.....	36	Hempseed.....	Bushel.....	44
Bluegrass seed.....	Bushel.....	14-30	Hickory nuts.....	do.....	50
Broccoli.....	Wirebound crate.....	20-25	Honey.....	Gallon.....	11.84
Broomcorn (6 bales per ton).....	Bale.....	333	Honeydew melons.....	Jumbo crate <sup>13</sup> .....	44
Broomcorn seed.....	Bushel.....	44-50	Hops.....	Bale, gross.....	300
Brussels sprouts.....	Drums.....	25	Horseradish roots.....	Bushel.....	35
Buckwheat.....	Bushel.....	48		Barrel.....	100
Butter.....	Box.....	64	Hungarian millet seed.....	Bushel.....	48 and 50
	Open mesh bag.....	50	Kale.....	do.....	18
Cabbage.....	Wirebound crate <sup>7</sup> .....	50	Kapok seed.....	do.....	35-40
	Western crate <sup>8</sup> .....	80	Lard.....	Tierce.....	375
Cantaloups.....	Jumbo crate <sup>9</sup> .....	83	Lemons:		
Carrots:			California and		
Without tops.....	Bushel.....	50	Arizona.....	Box <sup>14</sup> .....	19 76
	Open mesh bag.....	50		Carton <sup>14</sup> .....	38
Castor beans.....	Bushel.....	41	Lentils.....	Bushel.....	60
Castor oil.....	Gallon.....	19 8	Lettuce.....	Fiberboard box, carton.....	38-55
	W. G. A. crate.....	50-60	Lettuce, hothouse.....	24-quart basket.....	10
Cauliflower.....	Fiberboard box, wrapper leaves removed, film-wrapped, 2 layers.....	23-35	Limes (Florida).....	Box.....	80
	Crate <sup>15</sup> .....	60	Linseed oil.....	Gallon.....	19 7.7
Celery.....	Lug (Campbell) <sup>16</sup> .....	16	Malt.....	Bushel.....	34
Cherries.....	Lug.....	20	Maple sirup.....	Gallon.....	11.03
Clover seed.....	Bushel.....	60	Meadow fescue seed.....	Bushel.....	8.6
Corn:			Milk.....	Gallon.....	8.6
Ear, husked.....	Bushel.....	19 70	Millet.....	Bushel.....	48-50
Shelled.....	do.....	56	Molasses, edible.....	Gallon.....	11.72
Meal.....	do.....	50	Molasses, inedible.....	do.....	11.74
Oil.....	Gallon.....	19 7.7	Mustard seed.....	Bushel.....	58-60
Sirup.....	do.....	11.72	Oats.....	do.....	52
	Mesh or paper bag.....	45-50	Olive oil.....	Lug <sup>17</sup> .....	25-30
Sweet.....	Wirebound crate.....	40-60		Gallon.....	19 7.6
Cotton.....	Bale, gross.....	14 500	Onions, dry.....	Sack.....	50
	Bale, net.....	14 480	Onions, green bunched.....	Crate.....	60-65
Cottonseed.....	Bushel.....	19 32	Onion sets.....	Bushel.....	28-32
Cottonseed oil.....	Gallon.....	19 7.7	Oranges:		
Cowpeas.....	Bushel.....	60	Florida and Texas.....	1/4-box mesh bag.....	45
	Barrel.....	100		Box <sup>18</sup> .....	50
Cranberries.....	1/4 barrel box <sup>19</sup> .....	25	California and Arizona.....	Box <sup>18</sup> .....	19 75
				Carton <sup>18</sup> .....	37 1/4

See footnotes on page IX.

## WEIGHTS, MEASURES, AND CONVERSION FACTORS

The following table on weights, measures, and conversion factors covers the most important agricultural products, or the products for which such information is most frequently asked of the U. S. Department of Agriculture. It does not cover all farm products nor all containers for any one product.

The information has been assembled from various sources within the Department and from State schedules of legal weights. For most products, particularly fruits and vegetables, there is a considerable variation in weight per unit of volume due to differences in variety or size of commodity, condition and tightness of pack, degree to which the container is heaped, etc. Effort has been made to select the most representative and fairest average for each product. For those commodities which develop considerable shrinkage, the point of origin weight or weight at harvest has been used.

The approximate or average weights as given in this table do not necessarily have official standing as a basis for packing or as grounds for settling disputes. Not all of them are recognized as legal weight. The table was prepared chiefly for use of workers in the U.S. Department of Agriculture who have need of conversion factors in statistical computations.

## DEFINITIONS

"Farm value" as applied to crops in the various tables is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, quantities not harvested because of low prices or other economic factors are not included in farm value. The term is used in the inventory tables on livestock and poultry to mean value of the number of head on farms on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of that date.

The word "year" (shown in a column heading means calendar year "70" when used in this book without qualification means a short ton of 2,000 pounds.

with farmers. The survey data are supplemented by information from the Censuses of Agriculture taken every 5 years and check data from various sources. Being estimates, they are subject to revisions as more data become available from commercial or Government sources. Unless otherwise indicated, the totals for the United States shown in the various tables on acreage, production, numbers, price, value, supplies, and disposition are based on official Department estimates. They exclude States for which no official estimates are compiled.

For census years, many tables carry both Bureau of the Census totals and Department of Agriculture estimates. Generally, where there are appreciable differences between the Census totals and the Department's final estimates, the processes of checking and revising estimates have indicated that some sources provide more nearly complete information about some items than the Bureau of the Census has been able to obtain. For example, estimates of tobacco are often more precise than Census totals because the estimates are based on actual sales recorded by the USDA Agricultural Stabilization and Conservation Service, and State Departments of Agriculture. Sugarbeet and sugarcane production and acreage estimates are adjusted to quantities actually reported by sugar factories. Check information on peanuts and rice is available from processors for areas sometimes including several States. In a number of other instances allowances have been made for known incompleteness of coverage by the Census Bureau.

The Department's estimates of inventory numbers for livestock and poultry relate to January 1 except for hogs and pigs, which were shifted to December 1 in 1968. Most recent censuses have not enumerated numbers on the Department's inventory date. The 1945 Census was taken as of January 1, but with the trying wartime conditions, was delayed over a considerable length of time in a number of States with the result that reported inventory numbers did not always represent the actual January 1 inventory. The 1950 Census was taken as of April 1, the 1954 and 1959 Censuses were taken in October and November, and the 1964 Census was taken in November and December. These situations have made it necessary to adjust census totals to a January 1 equivalent basis, taking into account changes that occurred between the January 1 date and the actual date of enumeration.

#### DEFINITIONS

"Farm value" as applied to crops in the various tables, is derived by multiplying production by the estimated season average price received by farmers for that portion of the commodity actually sold. In the case of fruits and vegetables, quantities not harvested because of low prices or other economic factors are not included in farm value. The term is used in the inventory tables on livestock and poultry to mean value of the number of head on farms on the inventory date. It is derived by multiplying the number of head by an estimated value per head as of that date.

The word "Year" (alone) in a column heading means calendar year. "Ton" when used in this book without qualifications means a short ton of 2,000 pounds.

# AGRICULTURAL STATISTICS, 1971

VII

## WEIGHTS AND MEASURES—Continued

Commodity	Unit <sup>1</sup>	Approximate net weight	Commodity	Unit <sup>1</sup>	Approximate net weight
		<i>Pounds</i>			<i>Pounds</i>
Orchardgrass seed	Bushel	14	Shallots	Crate (4-7 doz. bunches)	20-35
Palm oil	Gallon	<sup>10</sup> 7.7	Sorgo:		
Parsnips	Bushel	50	Seed	Bushel	50
	do.	48	Sirup	Gallon	11.55
Peaches	Lug box <sup>11</sup>	20	Sorghum grain <sup>12</sup>	Bushel	56
	California fruit box	<sup>12</sup> 18	Soybeans	do.	60
Peanut oil	Gallon	<sup>10</sup> 7.7	Soybean oil	Gallon	<sup>10</sup> 7.7
Peanuts, unshelled:			Spelt	Bushel	40
Virginia type	Bushel	17	Spinach	do.	18-20
Runners			Strawberries	24-quart crate	36
southeastern	do.	21		12-pint crate	9-11
Spanish:			Sudangrass seed	Bushel	40
southeastern	do.	25	Sugarcane sirup		
Southwestern	do.	25	(sulfured or unsulfured)		
Pears:			Sunflower seed	Gallon	11.45
California	do.	48		Bushel	24 and 32
Other	do.	50		do.	<sup>11</sup> 55
Western	Box <sup>17</sup>	46	Sweetpotatoes	Crate	50
Peas:			Tangerines, Florida	4/5-bushel box	47½
Green, unshelled	Bushel	28-30	Timothy seed	Bushel	45
Dry	do.	60	Tobacco:		
Peppers, green	do.	25-30	Maryland	Hoghead	775
	Fiberboard carton	30-34			
Perilla seed	Bushel	37-40	Flue-cured	do.	930
Pineapples	Crate <sup>13</sup>	70	Burley	do.	975
Plums and prunes:			Dark air-cured	do.	1,150
California	4-basket crate <sup>19</sup>	28-34	Virginia fire-cured	do.	1,350
Other	½-bushel basket	28	Kentucky and Tennessee fire-cured	do.	1,500
Popcorn:				Case	250-365
On ear	Bushel	<sup>11</sup> 70		Bale	150-175
Shelled	do.	56	Cigar-leaf		
Poppy seed	do.	46			
Potatoes	Bushel	60	Tomatoes		
	Barrel	165			
	Bag	50	Tomatoes, hothouse		
	do.	100	Tung oil	Gallon	<sup>10</sup> 7.8
Quinces	Bushel	48	Turnips:		
Rapeseed	do.	50 and 60	Without tops	Mesh sack	50
Raspberries	24-quart crate	36	Bunched	Crate <sup>1</sup>	70-80
Redtop seed	Bushel	50 and 60	Turpentine	Gallon	7.23
Refiner's sirup	Gallon	11.45	Velvetbeans (hulled)	Bushel	60
Rice:			Vetch	do.	60
	Bushel	45	Walnuts	do.	50
Rough	Bag	100	Water, 60° F.	Gallon	8.33
	Barrel	162	Watermelons		
Milled	Pocket or bag	100		Melons of average or medium size	25
Rosin	Drum, net	520	Wheat	Bushel	60
Rutabagas	Bushel	56	Various commodities	Short ton	2,000
Rye	do.	56		Long ton	2,240
Sesame seed	do.	46			

See footnotes on page IX.



## CONVERSION FACTORS

Commodity	Unit	Approximate equivalent
Apples.....	1 pound dried.....	7 pounds fresh; beginning 1943, 8 pounds fresh
Do.....	1 pound chops.....	5 pounds fresh
Do.....	1 case canned <sup>11</sup> .....	1.4 bushels fresh
Applesauce.....	do <sup>11</sup> .....	1.2 bushels fresh
Apricots.....	1 pound dried.....	6 pounds fresh
Barley.....	1 metric ton <sup>12</sup> .....	45,926 bushels
Barley flour.....	100 pounds.....	4.59 bushels barley
Beans, lima.....	1 pound shelled.....	2 pounds unshelled
Beans, snap or wax.....	1 case canned <sup>14</sup> .....	0.008 ton fresh
Buckwheat flour.....	100 pounds.....	3.47 bushels buckwheat
Calves.....	1 pound live weight.....	0.557 pound dressed weight (1954-63 average)
Cattle.....	do.....	0.561 pound dressed weight (1954-63 average)
Cane sirup.....	1 gallon.....	5 pounds sugar
Cherries, sour.....	1 case canned <sup>15</sup> .....	0.023 ton fresh
Chickens.....	1 pound live weight.....	0.72 pound ready-to-cook weight
Corn.....	1 metric ton <sup>16</sup> .....	39,368 bushels
Corn, shelled.....	1 bushel (56 lbs.).....	2 bushels (70 pounds) of husked ear corn
Corn, sweet.....	1 case canned <sup>14</sup> .....	0.030 ton fresh
Cornmeal:		
Degermed.....	100 pounds.....	3.16 bushels corn, beginning 1946
Nondegermed.....	do.....	2 bushels corn, beginning 1946
Cotton.....	1 pound ginned.....	3.26 pounds seed cotton, including trash <sup>18</sup>
Cottonseed meal.....	1 pound.....	2.10 pounds cottonseed
Cottonseed oil.....	do.....	5.88 pounds cottonseed
Dairy products:		
Butter.....	do.....	21.1 pounds milk
Cheese.....	do.....	10 pounds milk
Condensed milk, whole.....	do.....	2.3 pounds milk
Dry cream.....	do.....	19 pounds milk
Dry milk, whole.....	do.....	7.6 pounds milk
Evaporated milk, whole.....	do.....	2.14 pounds milk
Malted milk.....	do.....	2.6 pounds milk
Nonfat dry milk.....	do.....	11 pounds liquid skim milk
Ice cream <sup>19</sup> .....	1 gallon.....	15 pounds milk
Ice cream <sup>20</sup> (eliminating fat from butter and concentrated milk).....	do.....	12 pounds milk
Eggs.....	1 case.....	47 pounds
Eggs, shell.....	do.....	39.5 pounds frozen or liquid whole eggs
Do.....	do.....	10.3 pounds dried whole eggs
Figs.....	1 pound dried.....	3 pounds fresh in California; 4 pounds fresh elsewhere
Flaxseed.....	1 bushel.....	About 2½ gallons oil
Grapefruit, Florida.....	1 case canned juice <sup>21</sup> .....	0.64 box fresh fruit
Hogs.....	1 pound live weight.....	0.579 pound dressed weight, excluding lard (1954-63 average)
Linseed meal.....	1 pound.....	1.51 pounds flaxseed
Linseed oil.....	do.....	2.77 pounds flaxseed
Malt.....	1 bushel (34 lbs.).....	1 bushel barley (48 lbs.)
Maple sirup.....	1 gallon.....	8 pounds maple sugar
Nuts:		
Almonds, imported.....	1 pound shelled.....	3-1/3 pounds unshelled
Almonds, California.....	do.....	2.22 pounds unshelled through 1949; 2 pounds thereafter
Brazil.....	do.....	2 pounds unshelled
Cashews.....	do.....	4.55 pounds unshelled
Chestnuts.....	do.....	1.19 pounds unshelled
Filberts.....	do.....	2.22 pounds unshelled through 1949; 2.5 pounds thereafter
Pecans:		
Seedling.....	do.....	2.78 pounds unshelled
Improved.....	do.....	2.50 pounds unshelled
Pignolias.....	do.....	1.3 pounds unshelled
Pistachios.....	do.....	2 pounds unshelled
Walnuts:		
Black.....	do.....	5.88 pounds unshelled
Persian (English).....	do.....	2.67 pounds unshelled
Oats.....	1 metric ton <sup>22</sup> .....	68,894 bushels
Oatmeal.....	100 pounds.....	7.6 bushels oats, beginning 1943
Oranges, Florida.....	1 case canned juice <sup>24</sup> .....	0.53 box fresh
Peaches, California, freestone.....	1 pound dried.....	5½ pounds fresh through 1918; 6 pounds fresh for 1919-28; and 6½ pounds fresh from 1929 to date
Peaches, California, clingstone.....	do.....	7¾ pounds fresh
Peaches, clingstone.....	1 case canned <sup>25</sup> .....	1 bushel fresh
Do.....	do.....	0.0280 ton fresh
Peanuts.....	1 pound shelled.....	1¾ pounds unshelled
Pears.....	1 pound dried.....	6½ pounds fresh
Pears, Bartlett.....	1 case canned <sup>26</sup> .....	1.1 bushels fresh
Do.....	do.....	0.026 ton fresh

See footnotes on page IX.

CONVERSION FACTORS—Continued

Commodity	Unit	Approximate equivalent
Peas, green.....	1 pound shelled.....	2½ pounds unshelled
Do.....	1 case canned <sup>1</sup> .....	0.009 ton fresh (shelled)
Prunes.....	1 pound dried.....	2.7 pounds fresh in California; 3 to 4 pounds fresh elsewhere
Raisins.....	1 pound.....	4.3 pounds fresh grapes
Rice, milled (excluding brewers).....	100 pounds.....	152 pounds rough or unbulled rice
Rye.....	1 metric ton <sup>2</sup> .....	39.368 bushels
Rye flour.....	100 pounds.....	2.23 bushels rye, beginning 1947
Sheep and lambs.....	1 pound live weight.....	0.482 pound dressed weight (1954-63 average)
Soybeans.....	1 metric ton <sup>3</sup> .....	36.7457 bushels
Soybean meal.....	1 pound.....	1.27 pounds soybeans
Soybean oil.....	.....do.....	5.49 pounds soybeans
Sugar.....	1 ton raw.....	0.9346 ton refined
Tobacco.....	1 pound farm-sales weight.....	Various weights of stemmed and unstemmed, according to aging and the type of tobacco. (See circular 435, U.S. Dept. of Agr.)
Tomatoes.....	1 case canned <sup>4</sup> .....	0.018 ton fresh
Turkeys.....	1 pound live weight.....	0.80 pound ready-to-cook weight
Wheat.....	1 metric ton <sup>5</sup> .....	36.7437 bushels
Wheat flour.....	100 pounds.....	2.30 bushels wheat <sup>6</sup>
Wool, domestic apparel shorn.....	1 pound greasy.....	0.48 pound scoured
Wool, domestic apparel pulled.....	.....do.....	0.73 pound scoured

<sup>1</sup> Standard bushel used in the United States contains 2,150.42 cubic inches; the gallon, 231 cubic inches; the cranberry barrel, 5,826 cubic inches; and the standard fruit and vegetable barrel, 7,056 cubic inches. Such large-sized products as apples and potatoes sometimes are sold on the basis of a heaped bushel, which would exceed somewhat the 2,150.42 cubic inches of a bushel basket level full. This also applies to such products as sweetpotatoes, peaches, green beans, green peas, spinach, etc.

<sup>2</sup> Approximate inside dimensions, 10¼ by 11¼ by 18 inches.

<sup>3</sup> Approximate inside dimensions, 4¾ by 12¼ by 16¼ inches.

<sup>4</sup> Approximate inside dimensions, 4¾ by 16 by 16¼ inches.

<sup>5</sup> Approximate dimensions, 4¾ by 13¼ by 16¼ inches.

<sup>6</sup> Approximate inside dimensions, 13 by 12 by 32.

<sup>7</sup> Inside dimensions vary. Common sizes are 13 by 13 by 22½ inches, and 13 by 15½ by 23 inches.

<sup>8</sup> Approximate inside dimensions, 13 by 18 by 21½ inches.

<sup>9</sup> Approximate inside dimensions, 13 by 13 by 22½ inches.

<sup>10</sup> This is the weight commonly used in trade practices, the actual weight varying according to temperature conditions.

<sup>11</sup> Approximate inside dimensions, 9¾ by 16 by 20 inches.

<sup>12</sup> Approximate inside dimensions, 4¾ by 11¼ by 14 inches.

<sup>13</sup> The standard weight of 70 pounds is usually recognized as being about 2 measured bushels of corn, husked, on the ear, because it requires 70 pounds to yield 1 bushel, or 56 pounds, of shelled corn.

<sup>14</sup> For statistical purposes the bale of cotton is 500 pounds or 480 pounds net weight. Prior to Aug. 1, 1946, the net weight was estimated at 478 pounds. Actual bale weights vary considerably, and the customary average weights of bales of foreign cotton differ from that of the American square bale.

<sup>15</sup> This is the average weight of cottonseed, although the legal weight in some States varies from this figure of 32 pounds.

<sup>16</sup> Approximate inside dimensions, 9¾ by 10¾ by 15 inches.

<sup>17</sup> Approximate inside dimensions, 1¾ by 11¼ by 16¼ inches.

<sup>18</sup> Approximate inside dimensions, 11¼ by 11¼ by 24 inches.

<sup>19</sup> In California and Arizona from 1942 through 1953, the net weights as used by this Department were 77 pounds for oranges, 79 pounds for lemons, and 65 pounds for Desert Valleys grapefruit. Grapefruit in California areas, other than the Desert Valleys, averaged 68 pounds. The new weights effective in 1954 reflect the shift from the "box" to the ¾-box carton as the container used.

<sup>20</sup> Approximate inside dimensions, 10¼ by 10¼ by 16¼ inches for oranges or lemons, and 9¾ by 10¼ by 16¼ inches for grapefruit.

<sup>21</sup> Approximate inside dimensions, 5¾ by 13¼ by 18¼ inches.

<sup>22</sup> Approximate inside dimensions, 4¾ by 16 by 16¼ inches.

<sup>23</sup> Approximate inside dimensions, 7¾ by 16 by 21½ inches.

<sup>24</sup> Approximate inside dimensions, 9¾ by 13 by 25 inches.

<sup>25</sup> Approximate inside dimensions, 12 by 12 by 24 inches.

<sup>26</sup> Approximate inside dimensions vary. Common size is 4¾ by 11¼ by 16¼ inches.

<sup>27</sup> Approximate inside dimensions, 8¾ by 11¼ by 18 inches.

<sup>28</sup> Approximate inside dimensions, 12 by 10¾ by 33 inches.

<sup>29</sup> Inside dimensions vary. Ranges from 4 by 16 by 16¼ inches to 6 by 16 by 16¼ inches.

<sup>30</sup> Includes both sorghum grain (kafr, milo, begari, etc.) and sweet sorghum varieties.

<sup>31</sup> This average of 55 pounds indicates the usual weight of sweetpotatoes when harvested. Much weight is lost in curing or drying and the net weight when sold in terminal markets may be below 55 pounds.

<sup>32</sup> Case of 24 No. 2½ cans.

<sup>33</sup> 1 metric ton is equivalent to 2,204.6 pounds.

<sup>34</sup> Case of 24 No. 303 cans.

<sup>35</sup> Varies widely by method of harvesting.

<sup>36</sup> The milk equivalent of ice cream per gallon is 15 pounds. Reports from plants indicate about 81 percent of the butterfat in ice cream is from milk and cream, the remainder being from butter and concentrated milk. Thus the milk equivalent of the milk and cream in a gallon of ice cream is about 12 pounds.

<sup>37</sup> This is equivalent to 4.51 bushels of wheat per barrel (196 pounds) of flour and has been used in conversions, beginning July 1, 1957. Because of changes in milling processes, the following factors per barrel of flour have been used for earlier periods: 1790-1879, 5 bushels; 1880-1908, 4.75 bushels; 1909-17, 4.7 bushels; 1918 and 1919, 4.5 bushels; 1920, 4.6 bushels; 1921-44, 4.7 bushels; July 1944-Feb. 1946, 4.57 bushels; March 1946-Oct. 1946, average was about 4.31 bushels; and Nov. 1946-June 1957, 4.57 bushels.





## CHAPTER I

### STATISTICS OF GRAIN

This chapter contains tables for wheat, rye, rice, corn, oats, barley, sorghum grain, and feedstuffs. Estimates are given of acreage, production, farm disposition, prices, farm value, stocks, foreign production and trade, and price-support operations. The United States tables on acreage, yield, production, value, and foreign trade for the most part extend back to 1954. Data on earlier years are available from the 1967 Agricultural Statistics. Estimates in greater detail are published regularly by the Crop Reporting Board for commodities treated in this chapter. Tables on popcorn are placed in chapter VI with "minor field crops."

**Table 1.—Wheat: Acreage, yield, production, value, and foreign trade, United States, 1954-70**

Year	Acreage sown <sup>1</sup>	Acreage har- vested	Yield per har- vested acre	Production	Season average price per bushel received by farmers ( <sup>2</sup> )	Farm value	Average price per bushel, year beginning July, at—		Foreign trade, including flour, year beginning July <sup>3</sup>	
							Kansas City <sup>4</sup>	Minne- apolis <sup>4</sup>	Domes- tic ex- ports <sup>5</sup>	Imports for con- sumption <sup>6</sup>
	1,000 acres	1,000 acres	Bushels 17.7	1,000 bushels 908,928	Dollars	1,000 dollars	Dollars	Dollars	1,000 bushels	1,000 bushels
1954 <sup>8</sup>	62,539	54,356	18.1	983,900	2.12	2,082,485	2.37	2.68	274,758	5,052
1955	58,246	47,290	19.8	935,094	1.98	1,858,518	2.18	2.48	342,857	9,836
1956	60,655	49,768	20.2	1,005,397	1.97	1,976,239	2.21	2.42	536,960	7,660
1957	49,843	43,754	21.8	955,740	1.93	1,848,437	2.15	2.40	383,828	10,843
1958	56,017	53,047	27.5	1,457,435	1.75	2,543,688	1.94	2.24	422,404	8,154
1959	49,667	49,667	31.3	1,565,925	1.76	2,756,546	2.00	2.25	485,210	7,408
1959	56,706	51,716	21.6	1,117,735	1.76	2,361,212	1.94	2.16	631,138	8,138
1960	54,906	51,579	26.1	1,354,709	1.83	2,254,675	2.05	2.41	684,741	5,523
1961	49,274	43,688	25.0	1,091,958	2.04	2,225,738	2.25	2.47	608,717	5,143
1962	53,364	45,506	25.2	1,146,821	1.85	2,125,315	1.94	2.34	815,743	3,587
1963	55,672	49,762	25.8	1,283,371	1.37	1,756,969	1.57	1.79	684,874	843
1964	57,361	49,560	26.5	1,315,613	1.85	1,774,537	1.61	1.86	832,811	547
1965	54,395	49,867	26.3	1,311,702	1.63	2,140,635	1.85	2.01	712,786	1,292
1966	67,796	58,771	25.9	1,522,382	1.39	2,110,197	1.59	1.88	735,573	461
1967	62,486	55,262	28.5	1,576,251	1.24	1,950,462	1.46	1.76	519,097	485
1968	54,279	47,577	30.7	1,460,187	1.24	1,815,732	1.45	1.83	581,891	2,603
1969	49,558	44,306	31.1	1,378,465	1.36	1,870,428				

<sup>1</sup> Includes acreage sown in preceding fall for harvest in the year shown.

<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>3</sup> No. 2 Hard and Dark Hard Winter; computed by weighting selling prices by number of carlots sold, as reported in the Kansas City Grain Market Review.

<sup>4</sup> No. 1 Dark Northern Spring; computed by weighting selling prices by number of carlots sold, as reported in the Minneapolis Daily Market Record.

<sup>5</sup> Compiled from reports of the U.S. Department of Commerce. Wheat flour converted to grain equivalent on the following basis: 1954 to June 30, 1957, 2.33; July 1, 1957 to June 30, 1964, 2.30; and July 1, 1964 to date, 2.28 bushels of grain to 100 pounds of flour.

<sup>6</sup> Includes flour milled from imported wheat. Excludes exports for relief or charity by individuals and private agencies.

<sup>7</sup> Includes wheat imported for milling in bond and subsequent export.

<sup>8</sup> Excludes some minor producing States and parts of other States where wheat was not asked separately.

<sup>9</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1866-1953 in *Agricultural Statistics, 1967*, table 1.

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Table 2.—Wheat: Acreage, production, and season average price per bushel received by farmers, by States, 1968-70

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
New York.....	230	196	165	212	182	153	8,480	7,280	6,579	1.17	1.19	1.35
New Jersey.....	56	48	42	43	34	32	1,505	1,292	1,216	1.24	1.24	1.35
Pennsylvania.....	414	344	310	394	327	298	12,608	11,609	9,834	1.14	1.27	1.40
North Atlantic.....	700	588	517	649	543	483	22,593	20,181	17,629	-----	-----	-----
Ohio.....	1,270	1,105	994	1,226	1,067	971	45,362	39,479	35,927	1.14	1.19	1.42
Indiana.....	1,039	925	805	977	870	774	34,195	33,930	29,799	1.12	1.14	1.31
Illinois.....	1,461	1,330	1,037	1,384	1,273	993	49,824	47,101	35,748	1.21	1.18	1.30
Michigan.....	918	679	584	885	628	565	31,860	25,120	22,035	1.07	1.20	1.41
Wisconsin.....	62	47	42	60	44	40	2,144	1,514	1,422	1.09	1.15	1.34
Minnesota.....	1,077	841	853	1,031	828	830	33,953	24,325	22,882	1.39	1.46	1.65
Iowa.....	32	50	43	51	40	40	1,836	1,320	1,400	1.23	1.17	1.25
Missouri.....	1,434	1,190	1,059	1,278	1,035	932	42,174	33,120	31,222	1.19	1.18	1.27
North Dakota.....	8,120	6,938	6,666	7,898	6,782	6,486	212,756	205,514	152,826	1.39	1.35	1.54
South Dakota.....	2,524	2,184	1,933	2,418	1,963	1,811	65,729	42,915	39,282	1.31	1.36	1.51
Nebraska.....	3,332	3,032	2,698	3,159	2,780	2,558	101,088	87,570	97,204	1.17	1.17	1.23
Kansas.....	11,963	10,767	9,690	9,751	9,849	9,061	253,526	305,319	299,013	1.22	1.19	1.28
North Central.....	33,252	29,088	26,404	30,118	27,159	25,061	874,447	847,225	768,760	-----	-----	-----
Delaware.....	26	22	23	24	20	21	768	760	798	1.10	1.18	1.31
Maryland.....	145	126	125	132	117	113	4,224	4,563	4,181	1.14	1.21	1.31
Virginia.....	190	173	180	169	157	165	5,746	6,751	7,260	1.20	1.26	1.34
West Virginia.....	19	17	17	16	14	14	456	420	462	1.23	1.27	1.41
North Carolina.....	247	227	218	220	198	184	8,580	8,316	7,912	1.22	1.23	1.35
South Carolina.....	110	88	86	104	82	81	3,016	3,034	2,835	1.24	1.25	1.30
Georgia.....	130	98	115	114	86	100	3,192	2,924	3,600	1.21	1.27	1.29
Florida.....	66	54	45	54	43	38	1,350	1,204	1,102	1.27	1.22	1.25
South Atlantic.....	932	805	809	833	717	716	27,332	27,972	28,150	-----	-----	-----
Kentucky.....	276	243	219	208	183	170	6,240	6,222	6,120	1.22	1.22	1.32
Tennessee.....	321	273	257	273	224	217	7,371	7,168	7,378	1.24	1.25	1.34
Alabama.....	144	121	117	111	85	83	2,775	2,465	2,324	1.20	1.20	1.27
Mississippi.....	495	153	164	416	125	145	11,232	3,875	4,930	1.14	1.16	1.27
Arkansas.....	656	380	418	568	301	325	14,200	9,080	10,725	1.16	1.17	1.23
Louisiana.....	165	82	78	96	36	33	2,112	874	857	1.10	1.17	1.28
Oklahoma.....	6,091	5,299	4,875	5,321	4,180	3,777	122,383	118,275	98,202	1.25	1.23	1.31
Texas.....	4,909	4,124	3,547	3,825	2,869	2,267	84,150	68,856	54,408	1.26	1.25	1.30
South Central.....	13,057	10,675	9,675	10,818	7,975	7,017	250,463	216,765	185,044	-----	-----	-----
Montana.....	4,722	3,809	3,506	4,550	3,645	3,383	125,869	96,794	85,167	1.16	1.23	1.36
Idaho.....	1,338	1,166	1,001	1,236	1,051	929	47,982	42,734	42,734	1.15	1.25	1.38
Wyoming.....	327	294	260	281	242	221	8,511	4,884	6,259	1.04	1.09	1.18
Colorado.....	3,140	3,117	2,887	2,019	2,168	2,420	40,354	45,511	68,944	1.12	1.13	1.21
New Mexico.....	339	288	297	305	159	184	7,625	4,293	5,520	1.25	1.29	1.35
Arizona.....	57	81	166	52	73	150	2,704	4,526	10,350	1.32	1.48	1.40
Utah.....	276	242	217	261	229	207	7,490	6,072	5,976	1.26	1.32	1.39
Nevada.....	16	13	16	13	11	14	631	630	810	1.29	1.39	1.38
Washington.....	2,875	2,890	2,435	2,766	2,462	2,258	108,975	95,242	100,731	1.29	1.30	1.48
Oregon.....	1,045	834	795	982	788	728	30,162	30,030	30,216	1.28	1.31	1.48
California.....	410	389	569	379	355	535	12,731	12,080	22,175	1.36	1.45	1.42
Western.....	14,545	13,123	12,153	12,844	11,183	11,029	401,416	348,044	378,882	-----	-----	-----
United States.....	62,480	54,270	49,558	55,262	47,577	44,306	1,576,251	1,460,187	1,378,465	1.24	1.24	1.36

<sup>1</sup> Includes acreage seeded in preceding fall for harvest in the year shown.<sup>2</sup> Preliminary.<sup>3</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 3.—Wheat, by groups: Acreage and production, by States, 1968-70

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>4</sup>
Winter wheat									
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	230	196	165	212	182	153	8,480	7,280	6,579
New Jersey.....	56	48	42	43	34	32	1,505	1,292	1,216
Pennsylvania.....	414	344	310	394	327	298	12,608	11,609	9,834
North Atlantic.....	700	588	517	649	543	483	22,593	20,181	17,629
Ohio.....	1,270	1,105	994	1,226	1,067	971	45,362	39,479	35,927
Indiana.....	1,039	925	805	977	870	774	34,165	33,930	29,799
Illinois.....	1,461	1,330	1,037	1,384	1,273	993	49,824	47,101	35,748
Michigan.....	918	679	584	885	628	528	31,860	25,120	22,038
Wisconsin.....	44	33	27	43	31	26	1,634	1,085	988
Minnesota.....	33	20	24	27	18	22	729	468	594
Iowa.....	52	50	43	51	40	40	1,836	1,320	1,400
Missouri.....	1,434	1,190	1,059	1,278	1,035	932	42,174	33,120	31,222
North Dakota.....	112	110	58	90	96	48	2,430	2,448	1,248
South Dakota.....	779	740	599	723	622	522	26,028	15,861	14,094
Nebraska.....	3,332	3,032	2,698	3,159	2,780	2,558	101,088	87,570	97,204
Kansas.....	11,963	10,767	9,690	9,751	9,949	9,061	253,526	305,319	299,013
North Central.....	22,437	19,981	17,618	19,594	18,309	16,512	590,686	592,821	569,272
Delaware.....	26	22	23	24	20	21	768	760	798
Maryland.....	145	126	125	132	117	113	4,224	4,563	4,181
Virginia.....	190	173	180	169	157	165	5,746	6,751	7,260
West Virginia.....	19	17	17	16	14	14	436	420	462
North Carolina.....	247	227	218	220	198	184	8,580	8,316	7,912
South Carolina.....	110	88	86	104	82	81	3,018	3,034	2,835
Georgia.....	130	98	115	114	86	100	3,192	2,924	3,600
Florida.....	65	54	45	54	43	38	1,350	1,204	1,102
South Atlantic.....	932	805	809	833	717	716	27,332	27,972	28,150
Kentucky.....	276	243	219	208	183	170	6,240	6,222	6,120
Tennessee.....	321	273	257	273	224	217	7,871	7,168	7,378
Alabama.....	144	121	117	111	85	83	2,775	2,465	2,524
Mississippi.....	495	153	164	416	125	145	11,232	3,875	4,930
Arkansas.....	656	380	418	568	301	325	14,200	9,030	10,725
Louisiana.....	165	82	78	96	38	33	2,112	874	957
Oklahoma.....	6,091	5,299	4,875	5,321	4,150	3,777	122,383	118,275	98,202
Texas.....	4,909	4,124	3,547	3,825	2,869	2,267	84,150	68,856	54,408
South Central.....	13,057	10,675	9,675	10,818	7,975	7,017	250,463	216,765	185,044
Montana.....	2,877	2,445	1,638	2,751	2,311	1,548	86,656	60,086	41,796
Idaho.....	1,080	929	790	990	822	723	45,540	36,990	33,258
Wyoming.....	296	266	231	256	220	196	7,936	4,400	5,684
Colorado.....	3,106	3,075	2,829	1,993	2,133	2,368	39,860	44,793	67,488
New Mexico.....	339	288	297	305	159	184	7,625	4,293	5,520
Arizona.....	57	81	166	52	73	150	2,704	4,526	10,350
Utah.....	236	208	187	224	197	179	5,936	4,728	4,744
Nevada.....	12	6	10	10	5	9	550	300	630
Washington.....	2,755	2,590	2,331	2,655	2,177	2,155	106,200	89,257	98,053
Oregon.....	980	774	751	925	732	688	28,706	28,182	28,896
California.....	403	383	559	372	350	525	12,276	11,900	21,525
Western.....	12,141	11,045	9,789	10,534	9,179	8,725	343,989	289,455	317,944
United States.....	49,267	43,094	38,408	42,428	36,723	33,453	1,235,063	1,147,194	1,118,039
Durum wheat <sup>5</sup>									
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels
Minnesota.....	95	81	30	92	80	27	3,128	2,320	810
North Dakota.....	3,012	2,831	1,812	2,927	2,781	1,752	83,420	91,773	43,800
South Dakota.....	186	244	110	179	234	105	4,833	4,914	2,100
Montana.....	379	235	129	365	230	124	7,665	6,900	3,162
California.....	7	6	10	7	5	10	455	180	550
United States.....	3,679	3,397	2,091	3,570	3,330	2,018	99,501	106,087	50,522

See footnotes at end of table.

Table 3.—Wheat, by groups: Acreage and production, by States, 1968-70—Continued

State and division	Other spring wheat								
	Acreage seeded			Acreage harvested			Production		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels
Wisconsin.....	18	14	15	17	13	14	510	429	434
Minnesota.....	949	740	799	912	730	781	30,096	21,535	21,478
North Dakota.....	4,996	3,997	4,796	4,881	3,905	4,686	126,906	111,293	107,778
South Dakota.....	1,559	1,200	1,224	1,516	1,107	1,184	34,868	22,140	23,088
North Central.....	7,522	5,951	6,834	7,326	5,755	6,665	192,380	155,397	152,778
Montana.....	1,466	1,129	1,739	1,434	1,104	1,711	31,548	29,508	40,209
Idaho.....	258	237	211	246	229	206	10,824	10,992	9,476
Wyoming.....	31	28	29	25	22	25	575	484	575
Colorado.....	34	42	58	26	35	52	494	718	1,456
Utah.....	40	34	30	37	32	28	1,554	1,344	1,232
Nevada.....	4	7	6	3	6	5	81	330	180
Washington.....	120	300	108	111	285	103	2,775	5,985	2,678
Oregon.....	65	60	44	56	56	40	1,456	1,848	1,320
Western.....	2,018	1,837	2,225	1,938	1,769	2,170	49,307	51,509	57,126
United States.....	9,540	7,788	9,059	9,264	7,524	8,835	241,687	206,906	209,904

<sup>1</sup> Acreage seeded in preceding fall for winter wheat.<sup>2</sup> Preliminary.<sup>3</sup> Small additional quantities of durum wheat are grown in other than the States shown here but are included with "other spring" wheat.

Statistical Reporting Service.

Table 4.—Wheat, by groups: Acreage, yield, and production, United States, 1961-70

Year	Acreage seeded <sup>1</sup>	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production	Acreage seeded <sup>2</sup>	Acreage harvested	Yield per seeded acre	Yield per harvested acre	Production
All wheat						Winter wheat				
	1,000 acres	1,000 acres	Bushels	Bushels	1,000 bushels	1,000 acres	1,000 acres	Bushels	Bushels	1,000 bushels
1961.....	55,707	51,571	22.1	23.9	1,232,359	43,489	40,754	24.7	26.4	1,074,807
1962.....	49,274	43,688	22.2	25.0	1,091,958	38,895	33,734	21.2	24.4	822,887
1963.....	53,364	45,506	21.5	25.2	1,146,821	42,289	34,807	21.6	26.3	914,090
1964.....	55,672	49,762	23.1	25.8	1,283,371	43,632	38,075	23.4	26.8	1,020,987
1965.....	57,361	49,580	22.9	26.5	1,315,613	45,142	37,586	22.5	27.1	1,017,085
1966.....	54,395	49,867	24.1	26.3	1,311,702	42,974	38,816	24.7	27.4	1,062,493
1967.....	67,796	58,771	22.5	25.9	1,322,382	54,127	45,406	22.3	26.6	1,206,808
1968.....	62,486	55,262	25.2	28.5	1,576,251	49,267	42,428	25.1	29.1	1,235,063
1969.....	54,279	47,577	26.9	30.7	1,460,187	43,094	36,723	26.6	31.2	1,147,194
1970 <sup>3</sup> .....	49,558	44,306	27.8	31.1	1,378,465	38,408	33,453	29.1	33.4	1,118,039
Durum wheat <sup>4</sup>						Other spring wheat <sup>4</sup>				
	1,000 acres	1,000 acres	Bushels	Bushels	1,000 bushels	1,000 acres	1,000 acres	Bushels	Bushels	1,000 bushels
1961.....	1,788	1,624	11.9	13.1	21,339	10,430	9,193	13.1	14.8	136,213
1962.....	2,434	2,367	28.9	29.7	70,260	7,945	7,587	25.0	26.2	198,511
1963.....	2,054	1,999	25.0	25.7	51,427	9,021	8,700	20.1	20.8	181,304
1964.....	2,519	2,467	27.1	27.6	68,146	9,321	9,220	20.4	21.1	194,238
1965.....	2,361	2,296	29.6	30.4	69,866	9,858	9,678	23.2	23.6	228,662
1966.....	2,491	2,423	25.1	25.9	62,038	8,930	8,628	20.9	21.6	186,571
1967.....	2,826	2,754	23.5	24.1	66,443	10,843	10,611	23.0	23.5	249,131
1968.....	3,679	3,570	27.0	27.9	99,501	9,540	9,264	25.3	26.1	241,687
1969.....	3,397	3,330	31.2	31.9	106,087	7,788	7,524	26.6	27.5	206,906
1970 <sup>3</sup> .....	2,091	2,018	24.2	25.0	50,522	9,059	8,835	23.2	23.8	209,904

See footnotes on page 7.

Table 5.—Wheat: Area, yield per hectare, and production in specified countries, average 1960-64, annual 1969 and 1970<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>
	1,000 hectares <sup>4</sup>	1,000 hectares <sup>4</sup>	1,000 hectares <sup>4</sup>	Quintals <sup>4</sup>	Quintals <sup>4</sup>	Quintals <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
North America:									
Canada.....	10,845	10,104	5,052	13.5	18.4	17.9	14,651	18,623	9,022
Guatemala.....	34	40	40	7.1	9.0	7.0	24	36	28
Mexico.....	794	715	715	19.0	28.0	29.4	1,510	2,000	2,100
United States.....	19,620	19,254	17,930	16.9	20.6	20.9	33,254	39,740	37,516
Total.....	31,293	30,114	23,738	15.8	20.1	20.5	49,439	60,398	48,666
South America:									
Argentina.....	4,715	5,191	3,313	15.2	13.5	12.7	7,164	7,020	4,215
Brazil.....	411	1,144	1,726	5.8	10.0	9.8	238	1,146	1,686
Chile.....	846	740	769	14.3	17.7	17.3	1,213	1,307	1,330
Colombia.....	142	73	71	8.7	11.0	11.3	124	80	80
Ecuador.....	67	80	75	9.2	8.8	10.0	62	70	75
Peru.....	153	150	150	9.8	9.3	10.0	150	140	150
Uruguay.....	448	336	324	9.5	12.0	12.0	424	403	389
Total <sup>5</sup> .....	6,863	7,714	6,428	13.7	13.2	12.3	9,425	10,166	7,925
Europe:									
Belgium.....	208	199	183	38.5	38.2	39.1	798	761	715
France.....	4,233	4,034	3,760	28.1	35.8	34.4	11,906	14,459	12,922
Germany, West.....	1,388	1,494	1,493	34.1	40.2	37.9	4,731	6,000	5,662
Italy.....	4,450	4,218	4,138	18.6	22.6	23.3	8,259	9,536	9,631
Luxembourg.....	19	12	10	23.1	40.0	26.0	45	48	26
Netherlands.....	132	155	142	44.9	43.7	45.3	593	677	643
Total EEC.....	10,430	10,112	9,726	25.2	31.1	30.4	26,332	31,481	29,599
Austria.....	276	287	275	25.8	33.1	29.5	712	950	810
Denmark.....	121	97	114	40.2	44.2	44.9	487	429	512
Finland.....	242	204	176	17.4	23.6	23.2	422	481	406
Greece.....	1,089	1,010	920	15.8	17.3	21.4	1,717	1,732	1,970
Ireland.....	119	82	94	29.5	39.6	34.9	351	325	328
Norway.....	8	4	4	25.9	27.5	30.0	22	11	12
Portugal.....	710	573	568	7.4	7.9	9.1	526	452	516
Spain.....	4,149	3,744	3,697	10.0	12.5	10.9	4,120	4,691	4,030
Sweden.....	276	265	263	31.0	34.6	37.3	856	917	982
Switzerland.....	104	97	95	33.0	35.7	35.8	343	346	340
United Kingdom.....	835	833	1,010	39.4	40.4	41.3	3,293	3,364	4,172
Total Western Europe <sup>5</sup> .....	18,360	17,308	16,942	21.3	26.1	25.8	39,181	45,199	43,680
Albania.....	115	-----	-----	8.7	-----	-----	99	-----	-----
Bulgaria.....	1,237	1,035	1,000	16.9	24.5	28.5	2,100	2,540	2,850
Czechoslovakia.....	704	1,054	1,075	23.9	30.9	27.9	1,682	3,257	3,000
Germany, East.....	416	560	575	31.0	35.5	33.9	1,288	1,987	1,950
Hungary.....	1,050	1,321	1,272	17.6	27.1	21.5	1,849	3,579	2,736
Poland.....	1,465	1,965	2,000	19.0	24.0	23.6	2,781	4,710	4,720
Romania.....	2,936	2,759	2,312	13.0	15.8	14.5	3,823	4,349	3,350
Yugoslavia.....	2,077	2,019	1,831	17.4	24.2	20.7	3,618	4,880	3,790
Total Eastern Europe.....	10,000	10,850	10,200	17.2	23.4	22.1	17,240	25,427	22,521
Total Europe <sup>5</sup> .....	28,360	28,158	27,142	19.9	25.1	24.4	56,421	70,626	66,201
U.S.S.R. (Europe and Asia) <sup>6</sup> .....	64,752	66,427	65,500	7.7	9.4	12.2	50,000	62,300	80,000
Africa:									
Algeria.....	1,915	2,193	-----	6.7	6.0	-----	1,290	1,323	-----
Ethiopia.....	383	-----	-----	7.1	-----	-----	270	-----	-----
Kenya.....	108	164	125	10.8	13.2	14.4	117	216	180
Morocco.....	1,380	1,764	1,879	6.5	9.1	10.0	1,036	1,612	1,870
South Africa, Republic of.....	1,154	1,800	1,800	7.5	7.4	7.6	862	1,328	1,373
Sudan.....	19	-----	-----	15.7	-----	-----	30	-----	-----
Tunisia.....	1,057	750	750	4.1	4.9	6.0	432	370	450
United Arab Republic.....	583	523	-----	25.8	24.2	-----	1,504	1,268	-----
Total <sup>4</sup> .....	7,099	7,710	8,010	8.0	8.5	9.2	5,680	6,537	7,363

See footnotes at end of table.



Table 5.—Wheat: Area, yield per hectare, and production in specified countries, average 1960-64, annual 1969 and 1970<sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>
	1,000 hectares <sup>4</sup>	1,000 hectares <sup>4</sup>	1,000 hectares <sup>4</sup>	Quintals <sup>4</sup>	Quintals <sup>4</sup>	Quintals <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
Asia:									
Afghanistan.....	2,307			9.5			2,200		
China (Mainland).....	25,294	23,500	23,600	8.5	9.5	10.2	21,600	22,300	24,000
Cyprus.....	72	61	40	7.2	13.9	12.3	52	85	49
India.....	13,405	15,958	16,626	8.1	11.7	12.1	10,809	18,652	20,093
Iran.....	1,993			13.7			2,740		
Israel.....	52	113	107	13.1	13.8	11.8	68	156	126
Japan.....	597	287	229	23.1	26.4	20.7	1,381	758	474
Jordan.....	244	225		5.4	8.4		133	190	
Korea, Republic of.....	133	154	159	20.2	23.7	22.5	269	365	357
Lebanon.....	57	61	61	6.6	8.2	8.2	38	50	50
Nepal.....	134	150	150	10.1	15.1	16.7	135	227	250
Pakistan.....	4,978	6,350	6,350	8.1	10.4	11.5	4,065	6,000	7,300
Syria.....	1,113	930		6.5	6.5		728	600	
Turkey.....	7,788	8,300	8,100	8.9	10.0	9.9	6,940	8,300	8,000
Total <sup>5</sup> .....	59,774	65,206	65,695	8.7	10.2	10.5	52,247	66,272	69,134
Oceania:									
Australia.....	6,396	9,451	7,001	13.0	11.5	12.1	8,298	10,835	8,437
New Zealand.....	80	105	105	31.1	26.5	35.0	248	278	367
Total.....	6,476	9,556	7,106	13.2	11.6	12.4	8,546	11,113	8,804
World total <sup>6</sup> .....	204,617	214,885	203,619	11.3	13.4	14.1	231,758	287,412	288,093

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1970 is combined with estimates for the Southern Hemisphere harvests which begin late in 1970 and end early in 1971.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> A hectare is equivalent to 2.471 acres. A quintal of wheat is equivalent to 3.67 bushels and a metric ton of wheat is equivalent to 36.7437 bushels.

<sup>5</sup> Estimated totals include allowances for producing countries not shown.

<sup>6</sup> Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 6.—Wheat: Production, seed used, and farm disposition, United States, 1961-1970

Crop of—	Production	Total used for seed	Disposition on farms where grown		
			Used for seed	Fed to livestock	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1961.....	1,232,359	56,353	37,624	22,364	1,172,371
1962.....	1,091,958	61,440	38,936	16,087	1,038,935
1963.....	1,146,821	64,963	40,523	15,242	1,091,056
1964.....	1,283,371	65,572	41,198	31,422	1,210,751
1965.....	1,315,613	61,870	39,635	41,678	1,234,300
1966.....	1,311,702	78,430	46,822	26,089	1,238,791
1967.....	1,522,382	71,509	46,335	42,886	1,433,161
1968.....	1,576,251	61,334	39,723	60,534	1,475,694
1969.....	1,460,187	56,760	34,189	61,091	1,364,907
1970 <sup>1</sup> .....	1,378,465	59,822	34,663	62,322	1,281,480

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1944-60 in *Agricultural Statistics, 1967*, table 6.

Table 7.—Wheat: Production, seed used, and farm disposition, by States, crop of 1970 (preliminary)

State	Production  1,000 bushels	Total used for seed  1,000 bushels	Disposition on farms where grown		
			Used for seed  1,000 bushels	Fed to livestock  1,000 bushels	Sold from farms  1,000 bushels
New York.....	6,579	279	142	1,118	5,319
New Jersey.....	1,216	88	35	97	1,084
Pennsylvania.....	9,834	620	415	2,852	6,567
Ohio.....	35,927	2,209	1,436	3,593	30,898
Indiana.....	29,799	1,423	925	2,980	25,894
Illinois.....	35,748	1,746	1,170	2,502	32,076
Michigan.....	22,035	1,239	582	2,424	19,029
Wisconsin.....	1,422	78	80	284	1,088
Minnesota.....	22,882	2,017	202	229	22,451
Iowa.....	1,400	72	48	266	1,086
Missouri.....	31,222	1,753	912	6,557	23,753
North Dakota.....	152,826	9,906	4,459	458	147,909
South Dakota.....	39,282	2,680	1,742	707	36,833
Nebraska.....	97,204	2,849	2,165	3,597	91,442
Kansas.....	290,013	8,546	6,666	7,475	284,872
Delaware.....	798	50	31	40	727
Maryland.....	4,181	228	123	585	3,473
Virginia.....	7,260	306	196	2,251	4,813
West Virginia.....	462	32	24	185	253
North Carolina.....	7,912	402	241	2,611	5,060
South Carolina.....	2,835	184	83	425	2,327
Georgia.....	3,600	437	197	1,044	2,359
Florida.....	1,102	95	36	132	934
Kentucky.....	6,120	336	202	1,836	4,082
Tennessee.....	7,378	437	227	1,771	5,380
Alabama.....	2,324	252	101	697	1,526
Mississippi.....	4,930	291	122	493	4,315
Arkansas.....	10,725	702	309	429	9,987
Louisiana.....	957	140	70	48	839
Oklahoma.....	98,202	4,875	3,023	2,259	92,920
Texas.....	54,408	3,161	1,802	816	51,790
Montana.....	85,167	4,004	2,603	1,192	81,372
Idaho.....	42,734	1,330	599	1,709	40,426
Wyoming.....	6,259	208	104	501	5,654
Colorado.....	68,944	1,911	1,452	3,171	64,321
New Mexico.....	5,529	234	182	166	5,202
Arizona.....	10,350	294	50	725	9,575
Utah.....	5,976	266	160	956	4,860
Nevada.....	810	22	7	49	754
Washington.....	100,731	2,463	1,010	1,410	98,311
Oregon.....	30,216	883	389	906	28,921
California.....	22,175	772	401	776	20,998
United States.....	1,378,465	59,822	34,663	62,322	1,281,480

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

## FOOTNOTES FOR TABLE 4

<sup>1</sup> All wheat acreage seeded includes winter wheat acreage abandoned and later reseeded to spring wheat for harvest in the same crop year.

<sup>2</sup> Acreage seeded in preceding fall for winter wheat.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes Minnesota, North Dakota, South Dakota, Montana, and California.

<sup>5</sup> Includes small quantities of durum wheat grown in States other than those mentioned in footnote 4.

Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 2.



Table 8.—Wheat and wheat flour: United States imports, 1960-69

Year beginning July	Wheat		Flour (wheat equivalent) <sup>2</sup>	Other products (wheat equivalent) <sup>3</sup>	Total wheat, flour and other products	Wheat for milling in bond and export as flour
	Suitable for milling <sup>1</sup>	Unfit for human consumption				
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1960.....	852	6,908	136	184	8,080	220
1961.....	819	4,812	92	203	5,726	7
1962.....	802	4,251	90	208	5,351	0
1963.....	710	2,877	88	246	3,921	0
1964.....	96	747	74	229	1,146	0
1965.....	4	543	103	284	934	0
1966.....	892	400	87	375	1,754	0
1967.....	( <sup>4</sup> )	461	40	438	839	0
1968.....	( <sup>4</sup> )	485	101	484	1,070	0
1969.....	1,178	1,426	58	581	3,243	0

<sup>1</sup> Imports of wheat of milling quality have been limited to a quota of 800,000 bushels per year since May 29, 1941, of which 795,000 bushels may come from Canada. Quantities in excess of the 800,000-bushel quota represent quota-free imports of seed wheat authorized by Presidential Proclamation 2550, April 16, 1942. During the war years 1943-44 and 1944-45 this import restriction was waived.

<sup>2</sup> Imports of flour have been limited to a quota of 4,000,000 pounds per year since May 29, 1941, of which 3,815,000 pounds may come from Canada (total quota is 93,200 bushels, wheat equivalent). Flour for special experimental purposes may be imported ex-quota. Excludes flour "free for export."

<sup>3</sup> Consist of macaroni, spaghetti and similar products, and semolina.

<sup>4</sup> Less than 500 bushels.

Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 8.

Table 9.—Wheat and wheat flour: United States exports under specified Government programs, 1960-69

Year beginning July	Public Law 480					Mutual security (AID) <sup>4</sup>	Total specified Government programs
	Title I, sales for foreign currency	Title II, disaster relief and other assistance <sup>1</sup>	Title III		Title IV, long-term dollar sales		
			Foreign donations <sup>2</sup>	Barter <sup>3</sup>			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1960.....	327,214	31,141	30,358	34,090	7,286	5,345	428,148
1961.....	379,110	28,218	35,098	41,337	5,684	2,492	493,541
1962.....	407,381	24,911	33,810	6,493	12,177	1,432	479,711
1963.....	387,925	31,682	37,394	35,167	59,202	238	504,383
1964.....	441,431	19,905	36,027	12,441	77,125	134	569,140
1965.....	382,550	32,888	33,069	45,522	39,719	532	571,686
1966.....	215,152	26,993	22,206	67,300	118,819	1,451	372,821
1967.....	225,310	31,006	18,309	77,001	111,818	723	471,168
1968.....	82,206	38,008	17,202	48,150	111,818	1,736	299,120
1969 <sup>4</sup> .....	215,355	34,245	18,371	59,856	.....	.....	327,827

<sup>1</sup> Includes emergency relief, economic development, and World Food Program.

<sup>2</sup> Foreign donations are authorized under Sec. 416 of the Agricultural Act of 1949 as amended, and Sec. 302, Title III, P.L. 480.

<sup>3</sup> The barter program is authorized under the Charter Act of the Commodity Credit Corporation; Title III, P.L. 480; and other legislation.

<sup>4</sup> Sales for foreign currency and economic aid under the Act for International Development, P.L. 87-195, and Mutual Security Acts, P.L. 665 and 165.

<sup>5</sup> Beginning 1963, includes bulgur and rolled wheat.

<sup>6</sup> Preliminary.

Foreign Agricultural Service. Data for 1954-59 in *Agricultural Statistics, 1967*, table 9.

Table 10.—International Grains Arrangement: Recorded exports of wheat and flour (grain equivalent), crop year 1969-70<sup>1</sup>

Member countries imports	Member countries exports									Total
	United States	Argentina	Australia	Canada	European Economic Community	Spain	Sweden	Mexico	Others <sup>2</sup>	
	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels	Thousand bushels
Argentina.....	4,785		1,948					4,662		11,395
Australia.....	( <sup>3</sup> )									28
Austria.....				361	25		( <sup>3</sup> )		( <sup>3</sup> )	386
Barbados.....	16		42	277					( <sup>3</sup> )	335
Bolivia.....	4,011	3,257								7,268
Canada.....									3	3
Costa Rica.....	2,372							287		2,659
Denmark.....	2			48	167		51		63	331
Dominican Republic.....	3,496									3,496
Ecuador.....	2,168			274						2,442
European Economic Community:										
Belgium.....	6,571	723	1,211	8,629					2	17,136
France.....	6,938	377	10	3,082					4	10,411
Germany.....	8,668	37	585	9,611					16	18,917
Italy.....	7,004	14,891		14,965		38			2	37,500
Luxembourg.....							3			3
Netherlands.....	21,498	959	4,257	6,040					51	32,805
El Salvador.....	693				( <sup>3</sup> )					693
Finland.....	550									550
Greece.....	17		5	65	74				( <sup>3</sup> )	161
Guatemala.....	2,836									2,836
India.....	87,901	2,022	4,350	11,378	5,435				( <sup>3</sup> )	111,095
Iran.....	11			3	1				2	17
Ireland.....	59		1,801	950	969				160	3,939
Israel.....	12,356				210					12,566
Japan.....	56,611		35,999	39,098	1,251			81	( <sup>3</sup> )	163,040
Kenya.....	83									86
Korea.....	38,778			1,350	224				3	40,352
Lebanon.....	2,555	147	3,117	33	1,243				( <sup>3</sup> )	7,095
Libya.....	2		429		6,720				4	7,155
Mexico.....	4									4
Netherlands Territories.....	993			221	76					1,290
Nigeria.....	9,080			19						9,111
Norway.....	2,263	20	795	2,878	4,140		2,863		187	12,846
Pakistan.....	37,117		5,496	2,262	5,982					50,857
Peru.....	6,320	7,601	6,336	5,918				1,382		27,557
Portugal.....	5,752	596		898	3,850	4,106		593	( <sup>3</sup> )	15,795
Portuguese Territories.....	574		2,270	245	3,394				48	6,540
Saudi Arabia.....	4,268		2,389	80	3,741				( <sup>3</sup> )	10,478
Spain.....					40				4	44
South Africa.....					2					2
Sweden.....			94	77	135				62	368
Switzerland.....	2,265		345	4,158	7,572		13		1	14,354
Trinidad and Tobago.....	2,008		113	1,100	236				9	3,466
Tunisia.....	10,053			1,764	4,400					16,277
United Arab Republic.....	530			1,145	63,001	10,022	1,328		744	76,765
United Kingdom.....	12,379	917	39,383	51,217	38,416	3,695	5,309		3,102	154,478
United Kingdom Territories.....	1,667		4,138	2,215	1,176			136	954	10,286
United States.....				2,080					5	2,085
Venezuela.....	25,343			1,857				149		27,349
Total.....	421,207	31,547	115,131	174,298	152,568	17,861	9,322	7,290	5,428	934,652

<sup>1</sup> Represents exports during July 1969 through June 1970 under the terms of the International Grains Arrangement.<sup>2</sup> Denmark, 186; Finland, 2,994; Ireland, 55; Japan, 946; Kenya, 9; Norway, 440; United Kingdom and Territories, 798 (United Kingdom and Territories figure represents exports during July 1969 through April 1970).<sup>3</sup> Less than 500 bushels.

Export Marketing Service. Data from International Wheat Council.

Table 11.—Wheat: Supply and disappearance, United States, 1960-70

Year beginning July	Supply						
	Carryover stocks, July 1				Pro- duction	Imports <sup>3</sup>	Total supply
	Controlled by CCC		Privately held	Total			
	Owned	Under loan or resale <sup>1</sup>					
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1960.....	1,195.4	92.0	26.0	1,313.4	1,354.7	8.1	2,676.2
1961.....	1,242.5	125.4	43.4	1,411.3	1,232.4	5.7	2,649.4
1962.....	1,096.6	95.0	130.4	1,322.0	1,092.0	5.3	2,419.3
1963.....	1,082.5	96.6	16.1	1,195.2	1,146.8	4.0	2,346.0
1964.....	828.9	62.6	9.9	901.4	1,283.4	1.1	2,185.9
1965.....	607.7	74.7	134.9	817.3	1,315.6	.9	2,133.8
1966.....	262.1	78.3	194.8	535.2	1,311.7	1.7	1,848.6
1967.....	123.6	77.7	223.7	425.0	1,522.4	.9	1,948.3
1968.....	102.3	220.9	216.2	539.4	1,576.2	1.1	2,116.7
1969 <sup>2</sup> .....	162.7	453.0	202.9	818.6	1,460.2	3.2	2,282.0
1970 <sup>2</sup> .....	301.2	431.3	152.2	884.7	1,378.5	1.0	2,264.2

Year beginning July	Disappearance						
	Domestic use			Exports of wheat, flour, and other products <sup>4</sup>			Total disap- pearance
	Food <sup>4</sup>	Seed and feed <sup>5</sup>	Total	Under Government programs <sup>7</sup>	For dollars	Total <sup>8</sup>	
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1960.....	497.2	106.2	603.4	457.7	203.8	661.5	1,264.9
1961.....	501.5	106.5	608.0	491.1	228.3	719.4	1,327.4
1962.....	500.3	80.0	580.3	485.4	158.4	643.8	1,224.1
1963.....	503.3	85.2	588.5	503.4	352.7	856.1	1,444.6
1964.....	509.2	134.4	643.6	567.3	157.7	725.0	1,368.6
1965.....	515.4	215.8	731.2	568.9	298.5	867.4	1,596.6
1966.....	501.9	177.4	679.3	373.0	371.3	744.3	1,423.6
1967.....	519.2	128.6	647.8	477.5	283.6	761.1	1,408.9
1968.....	519.7	234.2	753.9	302.5	241.7	544.2	1,298.1
1969 <sup>2</sup> .....	520.2	271.0	791.2	320.8	285.3	606.1	1,397.3

<sup>1</sup> Under loan on July 1 from year-earlier crop and under resale from previous crops. Includes small quantities sealed under bond in some years.

<sup>2</sup> Includes full-duty wheat, wheat imported for feed, and dutiable flour and macaroni products in terms of wheat. Excludes wheat imported for milling in bond and export as flour.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes shipments to U.S. Territories and wheat for military food use at home and abroad.

<sup>5</sup> Includes quantities of less than one million bushels used annually in distilled spirits and beer. Includes the quantities, "Totals used for seed," shown in table 6. The residual figure, after taking into account these 2 disappearance items, is assumed to roughly approximate total use for feed. The quantities, "Fed on farms where grown," are shown in table 6.

<sup>6</sup> Includes exports of flour and semolina and macaroni products in terms of wheat. Beginning 1961-62, includes bulgur and rolled wheat in terms of wheat.

<sup>7</sup> A breakdown of wheat and flour exports under the various Government programs is shown in table 9.

<sup>8</sup> Adjusted for transshipments of U.S. wheat through Canada, beginning 1961-62.

Economic Research Service. Foreign trade figures from reports of the U.S. Department of Commerce and U.S. Department of Agriculture. Data for 1944-59 in *Agricultural Statistics, 1967*, table 11.

Table 12.—Wheat: Supply and distribution, by classes, United States, 1960-69

Item	Year beginning July									
	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969 <sup>1</sup>
All wheat:	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
Stocks, July 1.....	1,313	1,411	1,322	1,195	901	817	535	425	530	819
Production.....	1,355	1,232	1,092	1,147	1,284	1,316	1,312	1,522	1,577	1,460
Imports.....	8	6	5	4	1	1	2	1	1	3
Supply.....	2,676	2,649	2,419	2,346	2,186	2,134	1,849	1,948	2,117	2,282
Exports <sup>2</sup> .....	662	719	644	856	725	867	744	761	544	606
Domestic disappearance <sup>3</sup> .....	603	608	580	589	644	732	680	648	754	791
Stocks, June 30.....	1,411	1,322	1,195	901	817	535	425	539	819	885
Hard red winter:										
Stocks, July 1.....	1,001	1,104	1,085	936	670	532	267	252	314	524
Production.....	795	754	535	544	635	673	678	706	811	790
Supply.....	1,796	1,858	1,620	1,480	1,305	1,205	945	958	1,125	1,314
Exports <sup>2</sup> .....	432	486	437	562	498	595	377	375	271	336
Domestic disappearance <sup>3</sup> .....	260	287	247	248	275	343	311	269	330	352
Stocks, June 30.....	1,104	1,085	936	670	532	267	257	314	524	626
Soft red winter:										
Stocks, July 1.....	10	12	24	5	4	7	8	15	30	33
Production.....	190	202	156	218	223	185	217	274	224	194
Supply.....	200	214	180	223	227	192	225	289	254	227
Exports <sup>2</sup> .....	54	56	41	84	80	45	68	121	50	28
Domestic disappearance <sup>3</sup> .....	134	134	134	135	140	139	142	138	171	176
Stocks, June 30.....	12	24	5	4	7	8	15	30	33	23
Hard red spring:										
Stocks, July 1.....	218	237	187	195	180	200	186	114	143	163
Production.....	188	116	179	168	180	209	177	230	228	189
Imports.....	8	6	5	4	1	1	2	1	1	3
Supply.....	414	359	371	367	361	410	365	345	372	355
Exports <sup>2</sup> .....	32	42	39	48	25	86	120	71	77	89
Domestic disappearance <sup>3</sup> .....	145	130	137	139	136	138	136	131	132	137
Stocks, June 30.....	237	187	195	180	200	186	100	143	163	129
Durum:										
Stocks, July 1.....	18	20	5	46	41	68	54	29	24	41
Production.....	34	21	70	52	68	70	63	66	100	106
Supply.....	52	41	75	98	109	138	117	95	124	147
Exports <sup>2</sup> .....	6	16	4	29	10	34	47	31	46	34
Domestic disappearance <sup>3</sup> .....	26	20	25	28	31	50	41	40	37	36
Stocks, June 30.....	20	5	46	41	68	54	29	24	41	77
White:										
Stocks, July 1.....	66	38	21	13	6	10	20	15	28	58
Production.....	148	139	152	165	178	179	177	246	214	181
Supply.....	214	177	173	178	184	189	197	261	242	239
Exports <sup>2</sup> .....	138	119	123	133	112	107	132	163	100	119
Domestic disappearance <sup>3</sup> .....	38	37	37	39	62	62	50	70	84	90
Stocks, June 30.....	38	21	13	6	10	20	15	28	58	30

<sup>1</sup> Preliminary.<sup>2</sup> In addition to wheat grain, includes grain equivalent of flour made from U.S. wheat; also, semolina and macaroni in terms of wheat.<sup>3</sup> Wheat for food (including for military use at home and abroad and shipments to U.S. Territories), feed, seed, and industry.<sup>4</sup> Based largely on Pacific Northwest wheat survey, but includes allowance for white wheat in the East and other West.

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Table 13.—Wheat: Stocks on and off farms, United States, 1961-70

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
All wheat								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1961.....	466,889	359,251	211,852	102,444	1,849,986	1,623,079	1,430,357	1,219,562
1962.....	406,364	316,600	195,353	95,544	1,663,843	1,500,038	1,309,093	1,099,679
1963.....	410,968	310,198	153,641	75,669	1,532,621	1,304,088	1,052,158	825,716
1964.....	503,656	389,672	263,450	132,515	1,305,655	1,059,621	881,757	684,740
1965.....	558,292	405,314	255,582	130,771	1,145,702	930,676	661,743	404,399
1966.....	540,128	408,539	238,769	145,479	896,351	640,577	461,370	279,525
1967.....	604,612	507,611	362,427	230,379	954,667	704,490	477,090	309,000
1968.....	733,402	581,287	463,416	327,835	951,545	704,411	448,973	490,739
1969.....	755,030	611,116	456,995	306,877	1,120,209	923,375	740,747	577,780
1970 <sup>3</sup> .....	673,213	533,651	-----	-----	1,124,544	883,737	-----	-----
Durum wheat <sup>4</sup>								
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1961.....	-----	11,588	7,361	1,791	-----	6,780	5,400	3,411
1962.....	54,117	48,204	40,587	17,697	16,342	16,967	18,162	28,177
1963.....	52,648	46,968	10,846	1,791	35,649	32,360	50,614	39,178
1964.....	57,043	47,873	39,921	19,519	47,335	46,500	42,213	48,249
1965.....	75,997	57,608	48,993	24,029	48,387	42,402	34,294	30,388
1966.....	61,896	39,769	28,617	18,349	33,806	24,342	16,646	10,530
1967.....	58,269	49,015	32,891	18,181	19,475	14,338	13,386	6,143
1968.....	90,798	64,864	50,664	29,599	18,451	21,030	17,429	11,582
1969.....	106,230	90,619	79,864	60,047	23,187	20,285	16,441	17,584
1970 <sup>3</sup> .....	78,918	65,351	-----	-----	25,591	24,827	-----	-----

<sup>1</sup> Old crop only.<sup>2</sup> Stocks at mills, elevators, warehouses, commercial stocks at terminals, processors, and those owned by Commodity Credit Corporation which are in bins, ships, and other storages under CCC control.<sup>3</sup> Preliminary.<sup>4</sup> Beginning Jan. 1, 1962, reported separately.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 13.

## WHEAT AND FLOUR

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Table 14.—Wheat and flour in terms of grain: International trade, average 1960-64, annual 1968 and 1969

Country	Year beginning July					
	Average 1960-64		1968		1969 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
<b>Principal exporters:</b>						
Canada.....	404,982	—	319,413	—	328,305	—
United States <sup>2</sup> .....	715,653	4,798	539,946	940	605,552	2,972
Argentina.....	96,529	—	97,959	—	71,650	—
Australia.....	223,791	—	195,770	—	269,145	—
Uruguay.....	606	849	1,690	—	1,770	—
Bulgaria.....	478	4,670	8,414	10,015	7,349	2,278
France.....	100,042	10,831	222,189	22,046	225,018	17,453
Italy.....	6,169	34,745	12,280	57,775	21,605	47,399
Romania.....	4,835	1,812	22,524	—	14,697	—
Spain.....	180	20,142	23,066	—	12,163	—
Sweden.....	7,823	4,899	13,382	1,775	9,921	1,874
U. S. S. R.....	135,268	83,951	188,532	62,410	249,637	40,400
Algeria.....	1,051	10,823	—	—	—	—
Morocco.....	1,073	7,447	—	5,475	—	10,362
Syria.....	1,411	4,918	—	7,725	—	7,050
Tunisia.....	3,230	80,358	—	10,913	—	15,800
Turkey.....	29	19,178	—	( <sup>3</sup> )	—	( <sup>3</sup> )
<b>Total<sup>4</sup>.....</b>	<b>1,703,180</b>	<b>289,421</b>	<b>1,645,165</b>	<b>179,074</b>	<b>1,816,812</b>	<b>145,588</b>
<b>Principal importers:</b>						
Jamaica.....	—	4,388	—	5,568	—	4,900
Trinidad and Tobago.....	—	4,523	—	3,044	—	3,624
Cuba.....	—	11,114	—	—	—	—
Brazil.....	—	400,582	—	87,597	—	75,692
Peru.....	—	72,336	—	20,429	—	23,038
Austria.....	996	1,567	—	1,099	—	857
Belgium and Luxembourg.....	5,545	17,305	6,128	30,813	12,597	43,027
Denmark.....	1,639	2,323	989	207	1,352	147
Finland.....	2,488	7,030	527	1,239	4,585	916
Germany, West.....	32,526	82,000	27,631	93,304	81,240	66,175
Greece.....	—	469	2,613	3,210	1,433	—
Ireland.....	1,852	7,574	—	7,572	—	4,103
Netherlands.....	2,936	32,000	20,797	46,995	27,190	59,451
Norway.....	—	12,183	—	12,227	—	13,961
Switzerland.....	4	11,053	—	13,183	—	18,127
United Kingdom.....	1,418	165,000	478	168,123	661	175,525
Yugoslavia.....	794	33,955	—	120	—	821
United Arab Republic.....	423	59,744	—	71,283	—	90,940
South Africa, Republic of.....	—	65,929	—	65	—	166
India.....	—	156,868	—	139,486	—	111,550
Indonesia.....	—	2,915	—	17,798	—	27,053
Israel.....	217	9,239	—	13,510	—	10,803
Japan.....	2,767	115,302	3,020	153,699	2,094	162,380
Korea, Republic of.....	—	19,865	—	35,976	—	61,383
Lebanon.....	66	6,548	367	10,362	441	10,362
Malaysia.....	243	10,613	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
Pakistan.....	—	49,575	5	27,767	3	40,507
Philippines.....	—	11,430	—	15,752	—	18,100
<b>Total<sup>4</sup>.....</b>	<b>53,914</b>	<b>1,373,430</b>	<b>59,652</b>	<b>980,428</b>	<b>131,896</b>	<b>1,023,828</b>

<sup>1</sup> Preliminary.<sup>2</sup> United States exports exclude exports of flour milled in bond from imported wheat.<sup>3</sup> Total for indicated countries only.<sup>4</sup> Not available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 15.—Wheat and flour:<sup>1</sup> United States exports (domestic) by country of destination, average 1960-64, annual 1968 and 1969

Country of destination	Year beginning July			Country of destination	Year beginning July		
	Average 1960-64	1968	1969		Average 1960-64	1968	1969
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
Wheat:				Wheat flour, wholly of U.S. wheat:			
Canada.....	(2)	(2)	(2)	Central America.....	2,547	699	524
Central America.....	4,034	10,588	10,978	Jamaica.....	857	621	530
Caribbean.....	2,589	5,820	6,242	Trinidad and Tobago.....	1,365	3	5
Brazil.....	45,703	28,723	33,288	Other Caribbean.....	1,134	1,823	837
Chile.....	4,944	3,416	436	Bolivia.....	3,848	2,450	4,393
Colombia.....	4,486	7,873	9,032	Brazil.....	443	956	1,185
Ecuador.....	597	2,180	1,960	Chile.....	1,266	684	321
Paraguay.....	1,300	1	1,116	Colombia.....	755	534	738
Peru.....	5,038	3,778	5,802	Guyana.....	1,113	814	8
Venezuela.....	9,320	24,140	25,145	Other Americas.....	2,460	866	787
Other Americas.....	240	4,932	6,860				
Total Americas.....	78,251	91,451	100,859	Total Americas.....	15,728	9,450	9,328
Austria.....	34			Greece.....	1,887	67	72
Belgium and Luxembourg.....	4,886	7,390	7,286	Italy.....	4,189	14	14
Finland.....	353	184	550	Netherlands.....	2,070	505	488
France.....	5,651	12,008	5,366	Poland.....	862	518	372
Germany, West.....	9,431	11,878	6,343	Portugal.....	702	234	116
Greece.....	1,733	435		United Kingdom.....	1,249	41	15
Ireland.....	442	81		Yugoslavia.....	1,862	2	2
Italy.....	13,486	16,513	9,228	Other Europe.....	1,131	483	346
Netherlands.....	17,672	22,332	24,234	Total Europe.....	13,952	1,864	1,425
Norway.....	2,119	645		Ceylon.....	2,588	10,988	6,212
Poland.....	23,466			Iran.....	853	10	9
Portugal.....	5,582	426	4,888	Japan.....	2,369	209	4
Spain.....	12,911		68	Jordan.....	3,450	2,070	3,439
Sweden.....	387			Korea, Republic of.....	1,630	7,188	4,578
Switzerland.....	4,876	5,498	6,732	Lebanon.....	1,181	1,647	667
United Kingdom.....	13,649	4,485	12,586	Philippines.....	702	502	280
Yugoslavia.....	28,272			Saudi Arabia.....	3,359	3,720	4,146
Other Europe.....	17,154	9	3,974	China (Taiwan).....	1,180		
Total Europe.....	162,109	81,884	81,225	Vietnam, South.....	3,143	6,097	7,602
India.....	145,014	85,099	85,042	Other Asia.....	8,307	11,808	20,476
Iran.....	5,605			Total Asia.....	28,792	44,248	47,413
Israel.....	8,230	10,211	12,247	Algeria.....	992	203	597
Japan.....	46,085	67,365	87,517	Congo (Kinshasa).....	2,079	1,560	817
Korea, Republic of.....	17,445	48,145	35,776	Ghana.....	409	42	
Lebanon.....	323	1,383	2,283	Morocco.....	2,274	1,735	2,583
Pakistan.....	47,619	18,555	36,283	Sudan.....	1,315		
Philippines.....	7,843	18,355	16,646	United Arab Republic.....	29,183		
Syria.....	2,088	28	22	Other Africa.....	2,636	1,398	2,587
China (Taiwan).....	10,970	13,619	14,422	Total Africa.....	38,888	4,938	6,584
Turkey.....	20,436	12,179	24,446	Oceania.....	63	100	87
Other Asia.....	5,642	4,926	8,234	World total.....	97,423	60,600	64,837
Algeria.....	8,561	9,627	8,322	Relief or charity <sup>2</sup> .....	28,337	9,285	6,030
Morocco.....	7,753	2,526	6,915				
South Africa, Republic of.....	1,044						
Tunisia.....	7,668	7,531	8,725				
United Arab Republic.....	28,569						
Other Africa.....	7,006	6,462	11,751				
World total.....	618,261	479,346	540,715				
Relief or charity <sup>3</sup> .....	4,237	3,553	2,914				

<sup>1</sup> Flour reported in terms of grain equivalent.<sup>2</sup> Transshipments through Canada have been included in data for countries of ultimate destination.<sup>3</sup> Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 16.—Wheat: Price-support operations, United States, 1961-71

Year beginning July	Support price		Season average price per bushel received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	Million bushels	Percent	Million bushels	Million bushels
1961.....	1.79	76	1.83	271	22.0	120	1,067
1962.....	2.00	83	2.04	300	27.2	245	1,082
1963.....	<sup>4</sup> 2.00	80	1.85	172	15.0	85	829
1964.....	<sup>5</sup> 1.73	69	<sup>6</sup> 1.37	206	16.1	90	646
1965.....	<sup>7</sup> 1.69	66	<sup>8</sup> 1.35	173	13.1	16	340
1966.....	<sup>9</sup> 1.84	72	<sup>10</sup> 1.63	133	10.1	11	124
1967.....	<sup>11</sup> 1.73	66	<sup>12</sup> 1.39	282	18.5	<sup>13</sup> 63	102
1968.....	<sup>14</sup> 1.80	68	<sup>15</sup> 1.24	453	28.7	<sup>16</sup> 106	163
1969.....	<sup>17</sup> 1.90	69	<sup>18</sup> 1.24	411	25.2	<sup>19</sup> 57	301
1970.....	<sup>20</sup> 2.00	71	<sup>21</sup> 1.36	<sup>22</sup> 226	<sup>23</sup> 16.4	( <sup>24</sup> ) (?)	-----
1971.....	<sup>25</sup> 2.00	69	-----	-----	-----	-----	-----

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>2</sup> Includes loans made, purchases, and purchase agreements entered into.<sup>3</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from crop harvested in the year indicated and not acquisitions during that year.<sup>4</sup> Includes price-support payment of 18 cents per bushel to program participants.<sup>5</sup> Represents the total crop average support level to program participants—loan rate of \$1.30 for the 1964 crop and \$1.25 thereafter, plus the average value of marketing certificates.<sup>6</sup> Does not include the value of marketing certificates.<sup>7</sup> Through Dec. 31, 1970.<sup>8</sup> Preliminary.<sup>9</sup> Less than 500,000 bushels.Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 16.

Table 17.—Wheat and wheat flour: Average price, selected markets and grades, 1960-69

Year beginning July	Wheat, price per bushel										Flour, per 100 pounds	
	Portland, Oregon No. 1, Soft White	Minneapolis, No. 1 Dark Northern Spring	Minneapolis, No. 2 Hard Amber Durum	St. Louis, No. 2 Red Winter	Kansas City, No. 2 Hard and Dark Hard Winter	Chicago, No. 2 Soft Red Winter	New York, No. 2 Hard Winter	6 markets, all classes and grades <sup>1</sup>	Canadian, No. 2 Manitoba, Northern	Sydney, Australian fair and average quality <sup>2</sup>	Kansas City, Hard Winter wheat, 85 percent patent	Minneapolis, Spring wheat, standard patents
1960.....	Dol. 2.04	Dol. 2.16	Dol. 2.32	Dol. 1.98	Dol. 1.94	Dol. 1.90	Dol. 2.46	Dol. 2.125	Dol. 1.65	Dol. 1.51	Dol. 5.04	Dol. 5.36
1961.....	2.10	2.40	3.20	2.07	2.05	2.00	2.60	2.344	1.78	1.61	5.37	5.70
1962.....	2.17	2.47	2.56	2.14	2.25	2.14	2.74	2.406	1.81	1.62	5.65	5.92
1963.....	2.08	2.34	2.35	2.05	1.94	1.84	2.62	2.224	1.85	1.69	5.25	5.52
1964.....	1.51	1.79	1.69	1.51	1.57	1.46	2.08	1.685	1.86	1.60	5.41	5.68
1965.....	1.53	1.86	1.75	1.64	1.61	1.50	2.14	1.747	1.82	1.58	5.60	6.01
1966.....	1.76	2.01	2.09	1.77	1.85	1.82	2.33	1.958	1.94	1.72	5.92	6.46
1967.....	1.62	1.88	2.05	1.47	1.59	1.47	2.08	1.834	1.79	1.66	5.46	6.12
1968.....	1.47	1.76	1.93	1.32	1.46	1.25	1.92	1.758	1.80	1.58	5.62	6.05
1969 <sup>3</sup> .....	1.49	1.83	1.68	1.43	1.45	1.26	2.00	1.731	1.77	1.58	5.74	6.26

<sup>1</sup> Markets are Chicago, Minneapolis, Kansas City, St. Louis, Omaha, and Duluth.<sup>2</sup> Basic export selling price of Australian Wheat Board, bulk f.o.b. basis.<sup>3</sup> Preliminary.

Economic Research Service. Compiled as follows: Grain Market News (C&MS); Minneapolis Daily Market Record; Kansas City Grain Market Review; Chicago Board of Trade; New York Journal of Commerce; Canadian Grain Statistics; The Wheat Industry of Australia and Bureau of Labor Statistics Wholesale Price Bulletin. Minneapolis, Kansas City, and Chicago prices are weighted averages. Foreign prices are compiled in original currencies and units. Prices converted to cents per bushel of 60 pounds at current monthly rates of exchange as reported by the Federal Reserve Board. Data for 1944-59 in *Agricultural Statistics, 1967*, table 17.



Table 18.—Rye: Acreage, yield, production, value, and foreign trade, United States, 1954-70

Year	Acreage seeded for all purposes <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers <sup>2</sup>	Farm value	Average price per bushel of No. 2 rye at Minneapolis, year beginning July <sup>3</sup>	Foreign trade, including flour and malt, year beginning July <sup>4</sup>	
								Domestic exports <sup>5</sup>	Imports for consumption <sup>6</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels
1954 <sup>7</sup>		1,450	15.1	21,844					
1954	4,178	1,795	14.5	25,963	1.21	31,241	1.32	3,015	3,448
1955	5,133	2,040	14.2	29,089	1.06	30,801	1.10	7,029	3,393
1956	4,546	1,624	13.1	21,288	1.16	24,853	1.41	10,704	3,430
1957	4,415	1,718	16.6	28,516	1.08	30,527	1.30	3,534	3,255
1958	4,390	1,707	18.5	33,182	1.02	34,172	1.24	8,465	3,254
1959		1,392	15.7	21,809					
1959	4,013	1,457	15.8	23,076	1.00	23,354	1.24	5,266	4,222
1960	4,111	1,688	19.6	33,108	.882	29,683	1.09	7,723	2,678
1961	4,157	1,543	17.7	27,336	1.01	27,726	1.25	7,403	743
1962	4,880	1,981	20.5	40,698	.947	39,040	1.19	20,652	548
1963	4,376	1,588	18.4	29,178	1.08	31,891	1.31	10,043	649
1964		1,640	18.9	30,918					
1964	4,532	1,696	19.1	32,476	1.04	34,041	1.19	2,111	2,415
1965	4,212	1,469	22.6	33,223	.975	32,823	1.16	3,814	1,754
1966	3,960	1,275	21.8	27,775	1.07	29,881	1.22	4,392	1,627
1967	3,663	1,071	22.6	24,154	1.07	26,153	1.17	2,837	547
1968	3,454	1,014	23.0	23,365	1.02	24,016	1.16	1,246	1,114
1969	4,080	1,346	23.5	31,583	1.00	32,008	1.11	516	708
1970 <sup>8</sup>	4,330	1,486	25.9	38,552	.961	37,341			

<sup>1</sup> Includes rye sown in preceding fall and in the spring of year shown.<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.<sup>3</sup> Averages of daily prices weighted by carlot sales, as reported in the Minneapolis Daily Market Record.<sup>4</sup> Compiled from reports of the U.S. Department of Commerce. Rye malt converted to grain on the basis of 1 bushel of grain to 1 bushel of malt.<sup>5</sup> Rye malt not separately reported.<sup>6</sup> Includes rye malt.<sup>7</sup> Excludes some minor producing States and parts of other States where rye was not asked separately.<sup>8</sup> Preliminary.Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1929-53 in *Agricultural Statistics, 1967*, table 18.

Table 19.—Rye: Price-support operations, United States, 1961-71

Year beginning July	Support price		Season average price per bushel received by farmers	Put under support <sup>1</sup>		Acquired by CCC under support program <sup>2</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	Million bushels	Percent	Million bushels	Million bushels
1961	1.02	69	1.01	1.6	6.0	0.6	2.6
1962	1.02	70	.95	6.1	15.0	1.4	1.6
1963	1.07	75	1.06	1.5	5.3	.4	.8
1964	1.07	78	1.04	6.8	20.9	6.6	5.9
1965	1.02	73	.98	6.9	20.8	5.2	9.2
1966	1.02	73	1.07	2.4	8.6	1.6	7.3
1967	1.02	73	1.07	2.7	11.2	2.5	8.0
1968	1.02	72	1.02	4.6	19.7	3.0	11.5
1969	1.02	69	1.00	6.9	22.0	6.2	16.8
1970	1.02	68	.96	8.4	21.8		
1971	.89	59					

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>2</sup> Includes loans made, purchases, and purchase agreements entered into.<sup>3</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.<sup>4</sup> Preliminary.Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 25.

Table 20.—Rye: Acreage, production, and season average price per bushel received by farmers, by States, 1968-70

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
New York.....	129	134	135	15	18	19	405	540	589	1.00	1.01	0.95
New Jersey.....	87	90	90	9	10	12	207	220	300	1.03	1.13	1.18
Pennsylvania.....	48	60	48	12	16	16	360	512	504	.96	1.00	1.00
North Atlantic.....	264	284	273	36	44	47	972	1,272	1,393			
Ohio.....	105	116	116	11	16	15	297	448	405	.98	1.04	1.08
Indiana.....	82	103	85	17	21	18	391	483	423	1.02	1.09	1.05
Illinois.....	105	105	106	25	25	27	525	588	594	.98	1.05	1.09
Michigan.....	189	195	201	34	40	42	833	1,040	1,092	.89	.93	.86
Wisconsin.....	70	68	60	19	18	17	437	378	374	1.00	1.01	1.01
Minnesota.....	84	94	109	72	84	100	1,800	2,142	2,700	.96	.98	.94
Iowa.....	16	18	22	4	5	5	92	110	125	.96	.97	.90
Missouri.....	96	101	101	15	16	17	300 <sup>4</sup>	368	391	1.00	.99	.97
North Dakota.....	175	259	210	161	230	191	4,186	5,175	5,539	.87	.85	.83
South Dakota.....	219	302	302	191	269	274	5,539	7,667	9,042	.91	.92	.87
Nebraska.....	160	256	300	88	150	210	1,320	2,925	5,460	.93	.93	.87
Kansas.....	94	169	210	33	59	86	512	1,121	1,892	.93	.88	.84
North Central.....	1,395	1,786	1,822	670	933	1,002	16,232	22,445	28,037			
Delaware.....	52	50	55	7	8	9	161	216	216	1.17	1.21	1.24
Maryland.....	103	98	103	14	15	15	336	420	375	1.16	1.22	1.23
Virginia.....	294	288	288	21	19	20	514	494	540	1.34	1.33	1.32
North Carolina.....	106	106	106	18	16	14	378	304	322	1.33	1.26	1.30
South Carolina.....	95	100	97	21	21	22	452	483	462	1.51	1.44	1.54
Georgia.....	283	325	341	74	72	72	1,554	1,692	1,656	1.81	1.83	1.80
South Atlantic.....	933	967	990	155	151	152	3,395	3,609	3,571			
Kentucky.....	74	66	66	7	7	7	175	175	189	1.19	1.28	1.30
Tennessee.....	52	52	52	6	6	5	114	120	110	1.34	1.32	1.36
Oklahoma.....	204	249	299	40	49	52	680	980	936	1.00	1.03	1.03
Texas.....	263	329	395	33	38	39	528	684	566	1.06	1.08	1.10
South Central.....	593	666	812	86	100	103	1,497	1,959	1,801			
Montana.....	14	19	18	5	7	8	90	175	136	.72	.72	.72
Idaho.....	10	14	14	5	7	8	100	210	224	1.10	1.07	1.10
Wyoming.....	28	31	29	15	15	14	285	195	280	1.02	.95	.90
Colorado.....	82	134	177	16	38	70	256	608	1,400	.92	.88	.86
Washington.....	50	68	113	12	36	68	216	720	1,360	1.10	1.10	1.11
Oregon.....	85	90	91	14	15	14	322	390	350	1.12	1.07	1.14
Western.....	269	356	442	67	118	182	1,269	2,298	3,750			
United States.....	3,454	4,089	4,339	1,014	1,346	1,486	23,365	31,583	38,552	1.02	1.00	.961

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of rye sown for all purposes, including spring-sown rye and acreage seeded in preceding fall.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 21.—Rye: Area, yield per hectare, and production in specified countries, average 1960-64, annual 1969 and 1970<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>
	1,000 hectares <sup>4</sup>	1,000 hectares <sup>4</sup>	1,000 hectares <sup>4</sup>	Quintals <sup>4</sup>	Quintals <sup>4</sup>	Quintals <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
North America:									
Canada.....	249	375	411	11.2	11.2	13.9	274	419	570
United States.....	688	545	601	12.1	14.7	18.3	827	802	979
Total.....	937	920	1,012	11.7	13.3	15.3	1,101	1,221	1,549
South America:									
Argentina.....	628	604	250	7.5	6.2	4.8	474	377	121
Total.....	628	604	250	7.6	6.2	4.8	474	377	121
Europe:									
Belgium.....	46	22	21	29.7	33.2	31.0	137	73	65
France.....	251	154	142	14.9	20.1	21.3	373	309	302
Germany, West.....	1,176	873	865	27.4	33.1	30.8	3,225	2,889	2,665
Italy.....	57	38	35	15.6	18.7	19.4	89	71	68
Luxembourg.....	1	1	1	21.7	50.0	40.0	7	5	4
Netherlands.....	118	62	57	30.1	33.4	30.2	354	207	172
Total EEC.....	1,651	1,150	1,121	25.4	30.9	29.2	4,185	3,554	3,276
Austria.....	183	147	136	22.0	29.9	26.7	401	440	363
Denmark.....	144	39	44	28.0	32.3	30.5	418	126	134
Finland.....	93	70	66	15.1	18.0	19.8	140	126	131
Greece.....	24	8	6	10.0	8.8	11.7	24	7	7
Norway.....	1	1	2	24.7	40.0	20.0	3	4	4
Portugal.....	302	236	221	5.4	7.1	6.7	163	167	149
Spain.....	465	333	306	8.5	10.5	8.2	393	348	250
Sweden.....	65	72	77	23.8	25.6	29.4	154	184	226
Switzerland.....	15	15	14	34.1	28.7	27.9	51	43	39
United Kingdom.....	8	4	5	26.0	27.5	28.0	20	11	14
Total Western Europe.....	2,951	2,075	1,998	20.1	24.1	23.0	5,952	5,010	4,593
Bulgaria.....	65	24	24	9.9	11.7	12.1	64	28	29
Czechoslovakia.....	433	276	200	21.0	24.9	22.0	911	687	440
Germany, East.....	845	690	670	21.1	22.4	21.6	1,784	1,544	1,450
Hungary.....	251	183	164	10.9	12.8	10.9	273	234	179
Poland.....	4,698	4,174	3,560	15.8	19.6	16.1	7,401	8,166	5,715
Romania.....	87	42	45	10.4	11.2	9.8	91	47	44
Yugoslavia.....	177	123	112	10.5	11.0	11.3	185	135	126
Total Eastern Europe.....	6,556	5,512	4,775	16.3	19.7	16.7	10,709	10,841	7,983
Total Europe.....	9,507	7,587	6,773	17.5	20.9	18.6	16,661	15,851	12,576
U.S.S.R. (Europe and Asia) <sup>5</sup> .....	16,326	9,200	11,000	8.2	10.7	10.9	13,330	9,800	12,000
Asia:									
Turkey.....	631	700	680	10.7	11.0	10.3	672	770	700
Total.....	631	700	680	10.7	11.0	10.3	672	770	700
World total.....	28,029	19,010	19,715	11.5	14.7	13.7	32,238	28,019	26,946

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1970 is combined with estimates for the Southern Hemisphere harvests, which begin late in 1970 and end early in 1971.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> A hectare is equivalent to 2.471 acres. A quintal of rye is equivalent to 3.94 bushels and a metric ton of rye is equivalent to 39.368 bushels.

<sup>5</sup> Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 22.—Rye: Stocks on and off farms, United States, 1961-70

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1961	14,639	7,795	4,337	1,905	15,209	11,685	10,334	5,983
1962	20,196	13,694	7,359	2,068	12,990	9,976	7,873	4,855
1963	11,180	5,608	3,458	1,712	11,707	9,157	7,369	3,591
1964	17,741	11,340	9,216	2,638	11,495	9,643	8,150	10,215
1965	18,182	13,141	9,945	3,955	17,822	15,677	14,869	15,056
1966	15,527	9,566	7,547	3,588	22,188	18,821	16,756	15,097
1967	12,331	8,747	6,829	3,744	20,998	19,010	16,407	14,288
1968	13,467	8,911	5,922	2,003	18,314	15,425	14,097	13,967
1969	16,370	11,107	7,605	2,903	21,946	18,729	16,981	18,333
1970 <sup>3</sup>	21,320	14,845			27,829	26,000		

<sup>1</sup> Old crop only.

<sup>2</sup> Stocks at mills, elevators, warehouses, commercial stocks at terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 21.

Table 23.—Rye: Supply and distribution, United States, 1960-70

Year beginning July	Supply				Domestic disappearance				Exports
	Carry-over, July 1	Production	Imports	Total	Food <sup>1</sup>	Feed <sup>2</sup>	Seed	Spirits and alcohol	Total
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1960	10,499	33,108	2,678	46,285	4,499	9,141	5,712	4,990	24,342
1961	14,220	27,336	743	42,299	4,550	11,279	6,596	4,493	26,918
1962	7,888	40,698	548	49,134	4,660	7,142	6,065	3,692	21,559
1963	6,923	29,178	649	36,750	4,728	6,711	6,282	3,683	21,404
1964	5,363	32,476	2,415	40,194	4,939	10,514	5,976	3,801	25,230
1965	12,853	33,223	1,754	47,830	5,222	9,774	5,616	4,393	25,005
1966	19,011	27,775	1,627	48,413	5,139	10,152	3,382	4,663	25,336
1967	18,685	24,154	547	43,386	5,734	6,979	5,060	4,744	22,517
1968	18,032	23,365	1,114	42,511	5,528	9,233	5,853	4,681	25,295
1969 <sup>1</sup>	15,970	31,583	768	48,321	5,389	10,622	6,279	4,279	26,560
1970 <sup>2</sup>	21,236	38,552	1,000	60,788					

<sup>1</sup> From reports of U.S. Department of Commerce.

<sup>2</sup> Residual item; roughly approximates total use as feed.

<sup>3</sup> Preliminary.

Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 22.

Table 24.—Rye: Production, seed used, and farm disposition, United States, 1961-70

Crop of—	Production	Total used for seed	Disposition on farms where grown		
			Used for seed	Fed to livestock	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1961	27,836	6,596	1,868	4,512	20,456
1962	40,698	6,065	1,897	4,345	34,456
1963	29,178	6,282	1,855	3,307	24,016
1964	32,476	5,976	1,840	3,341	27,295
1965	33,223	5,616	1,556	3,331	28,336
1966	27,775	5,382	1,444	3,125	23,206
1967	24,154	5,060	1,296	2,667	20,221
1968	23,365	5,853	1,402	2,486	19,477
1969	31,583	6,273	1,604	3,804	25,675
1970 <sup>1</sup>	38,552	6,873	1,802	4,158	32,592

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1944-60 in *Agricultural Statistics, 1967*, table 23.

Table 25.—Rye: Production, seed used, and farm disposition, by States, crop of 1970 (preliminary)

State	Pro- duction	Total used for seed	Disposition on farms where grown			State	Pro- duction	Total used for seed	Disposition on farms where grown		
			Used for seed	Fed to live- stock	Sold from farms				Used for seed	Fed to live- stock	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	589	208	45	112	431	Virginia.....	540	440	57	119	364
New Jersey.....	300	186	33	39	228	North Carolina.....	322	170	34	87	201
Pennsylvania.....	504	140	59	242	203	South Carolina.....	462	171	39	79	344
Ohio.....	405	220	15	142	248	Georgia.....	1,656	686	123	149	1,384
Indiana.....	423	122	32	135	256	Kentucky.....	189	102	15	19	155
Illinois.....	594	157	28	71	495	Tennessee.....	110	83	10	26	74
Michigan.....	1,062	351	67	186	839	Oklahoma.....	936	502	120	122	694
Wisconsin.....	374	96	14	146	214	Texas.....	566	445	45	79	442
Minnesota.....	2,700	207	116	135	2,449	Montana.....	136	16	5	20	111
Iowa.....	125	36	6	43	76	Idaho.....	224	18	7	22	185
Missouri.....	391	171	31	66	294	Wyoming.....	280	30	9	50	221
North Dakota.....	5,539	358	183	11	5,345	Colorado.....	1,400	160	53	378	969
South Dakota.....	9,042	490	289	271	8,482	Washington.....	1,360	143	34	54	1,272
Nebraska.....	5,460	378	163	655	4,642	Oregon.....	350	125	20	56	274
Kansas.....	1,892	305	92	511	1,289	United States.....	38,552	6,873	1,802	4,158	32,592
Delaware.....	216	108	21	39	156						
Maryland.....	375	189	36	94	245						

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

Table 26.—Rice, rough: Acreage, yield, production, and value, United States, 1954-70

Year	Acreage harvested	Yield per acre	Production	Season average price per cwt. received by farmers <sup>1</sup>	Farm value
	1,000 acres	Pounds	1,000 cwt.	Dollars	1,000 dollars
1954.....	2,850	2,517	64,193	4.57	293,030
1955.....	1,826	3,061	55,902	4.81	268,547
1956.....	1,569	3,151	49,459	4.86	240,293
1957.....	1,340	3,204	42,935	5.11	219,538
1958.....	1,415	3,164	44,760	4.68	209,425
1959.....	1,586	3,382	53,647	4.59	246,317
1960.....	1,595	3,423	54,591	4.55	248,445
1961.....	1,589	3,411	54,198	5.14	278,599
1962.....	1,773	3,726	66,045	5.04	332,624
1963.....	1,771	3,968	70,269	5.01	352,159
1964.....	1,786	4,098	73,166	4.90	358,634
1965.....	1,793	4,255	76,281	4.93	376,227
1966.....	1,967	4,322	85,020	4.95	421,018
1967.....	1,970	4,537	89,379	4.97	443,995
1968.....	2,353.4	4,422	104,075	5.00	520,888
1969.....	2,128.4	4,268	90,838	4.95	449,940
1970 <sup>2</sup> .....	1,814.7	4,566	82,859	5.08	420,530

<sup>1</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 26.

Table 27.—Rice, rough: Acreage, production, and season average price per hundredweight received by farmers, by States, 1968-70

State	Acreage planted			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Missouri.....	6.6	5.6	4.8	6.4	5.4	4.7	288	248	207	5.08	5.30	5.20
Mississippi.....	68	61	52	67	60	51	2,881	2,520	2,244	5.20	5.27	5.30
Arkansas.....	578	520	442	572	515	438	24,596	24,463	21,024	5.07	5.32	5.20
Louisiana.....	681	613	525	679	611	523	26,142	20,469	20,397	4.83	4.71	4.95
Texas.....	599	550	469	597	548	467	27,164	21,646	20,782	4.97	4.88	5.20
California.....	434	391	332	432	389	331	23,004	21,492	18,205	5.15	4.80	4.90
United States.....	2,366.6	2,140.6	1,824.8	2,353.4	2,128.4	1,814.7	104,075	90,838	82,859	5.00	4.95	5.08

<sup>1</sup> Preliminary.<sup>2</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 28.—Rice, rough: Acreage, yield per acre, and production in specified countries, average 1960-64, annual 1969 and 1970 <sup>1</sup>

Continent and country	Acreage <sup>2</sup>			Yield per acre			Production		
	Average 1960-64	1969	1970 <sup>1</sup>	Average 1960-64	1969	1970 <sup>1</sup>	Average 1960-64	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
North America:									
Costa Rica.....	132	111	-----	1,042	1,460	-----	62	75	-----
Cuba.....	240	361	316	1,700	1,252	2,274	185	205	326
Dominican Republic.....	266	257	-----	1,284	1,673	-----	120	195	-----
El Salvador.....	33	27	17	1,979	2,095	3,631	30	33	28
Guatemala.....	26	35	-----	1,969	1,575	-----	16	25	-----
Honduras.....	34	44	-----	1,476	1,203	-----	23	24	-----
Mexico.....	342	432	494	1,961	1,878	1,473	304	368	330
Nicaragua.....	55	52	64	1,353	2,671	2,377	34	63	69
Panama.....	253	321	321	978	1,120	1,147	112	163	167
United States.....	1,703	2,128	1,810	3,738	4,291	4,660	2,887	4,141	3,826
Total.....	3,132	3,769	3,466	2,702	3,096	3,219	3,839	5,292	5,060
South America:									
Argentina.....	135	252	-----	3,159	3,561	-----	193	407	-----
Bolivia.....	74	86	-----	1,811	1,487	-----	61	58	-----
Brazil.....	9,404	-----	-----	1,420	-----	-----	6,058	-----	-----
Chile.....	82	62	-----	2,440	2,489	-----	91	70	-----
Colombia.....	643	620	556	1,823	2,471	2,669	532	695	673
Ecuador.....	273	196	-----	1,525	1,860	-----	189	167	-----
Guyana.....	247	279	301	2,008	1,385	1,743	224	175	238
Peru.....	196	180	-----	3,562	2,750	-----	317	225	-----
Surinam.....	70	89	-----	2,486	2,973	-----	79	120	-----
Uruguay.....	51	91	-----	2,841	3,464	-----	66	143	-----
Venezuela.....	165	309	-----	1,476	1,952	-----	111	244	-----
Other.....	38	49	49	1,974	2,610	2,610	34	58	58
Total.....	11,378	13,578	12,401	1,541	1,488	1,529	7,955	9,162	8,601
Europe:									
France.....	77	57	54	3,474	3,674	4,083	121	95	100
Italy.....	299	418	437	4,679	4,636	4,490	635	860	890
Total EEC.....	376	474	492	4,434	4,442	4,436	756	955	990
Greece.....	49	40	41	3,704	4,634	4,248	82	103	79
Portugal.....	92	91	119	4,073	4,264	3,742	170	176	202
Spain.....	157	163	153	5,460	5,464	5,317	389	404	369
Total Western Europe.....	674	778	805	4,569	4,642	4,491	1,397	1,638	1,640
Bulgaria.....	32	32	35	2,497	3,307	3,527	36	48	56
Hungary.....	32	54	54	1,715	2,041	2,041	40	50	50
Romania.....	35	72	74	2,589	2,082	2,086	41	68	70
Yugoslavia.....	15	17	17	3,333	3,631	3,891	23	28	30
Total Eastern Europe.....	134	175	180	2,282	2,444	2,523	147	194	206
Total Europe.....	808	953	985	3,989	4,238	4,132	1,544	1,832	1,846

See footnotes at end of table.



Table 28.—Rice, rough: Acreage, yield per acre, and production in specified countries, average 1960-64, annual 1969 and 1970 <sup>1</sup>—Continued

Continent and country	Acreage <sup>2</sup>			Yield per acre			Production		
	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
U.S.S.R. (Europe and Asia).....	332	806	840	2,068	3,009	3,150	311	1,100	1,200
<b>Africa:</b>									
Chad.....	61			1,098			30		
Congo (Kinshasa).....	130	151		915	1,898		54	130	
Gambia.....	61	72		1,098	1,225		30	40	
Ghana.....	78	126		959	1,312		34	75	
Guinea.....	1,025	1,000		618	811		287	308	
Ivory Coast.....	614	715	717	786	1,125	1,215	219	365	395
Liberia.....	525			663			158		
Malagasy Republic.....	1,996	1,947	1,952	1,370	1,834	1,977	1,240	1,620	1,750
Mali.....	442	410		893	1,022		179	190	
Morocco.....	9	22	15	4,033	4,610	4,409	16	46	30
Mozambique.....	182			1,440			119		
Nigeria.....	500	500	600	1,074	1,706	1,870	250	387	509
Portuguese Guinea.....	138			1,064			104		
Senegal.....	180	222	198	1,151	1,192	1,169	94	120	105
Sierra Leone.....	800	790		895	1,172		325	420	
Tanzania.....	204			1,161			108		
United Arab Republic.....	829	1,186	1,161	4,745	4,751	4,679	1,784	2,556	2,464
Upper Volta.....	112			649			33		
<b>Total.....</b>	<b>7,886</b>	<b>8,513</b>	<b>8,580</b>	<b>1,416</b>	<b>1,789</b>	<b>1,821</b>	<b>5,064</b>	<b>6,907</b>	<b>7,089</b>
<b>Asia:</b>									
Afghanistan.....	524			2,053			488		
Burma.....	12,000	12,243	12,400	1,456	1,438	1,481	7,925	7,985	8,330
Cambodia.....	5,731	5,820	5,750	952	1,439	1,342	2,475	3,800	3,500
Ceylon.....	1,239			1,714			963		
China (Taiwan).....	1,905	1,945	1,952	3,242	3,383	3,806	2,802	2,985	3,370
India.....	86,359	93,100	93,900	1,356	1,435	1,478	53,105	60,615	62,970
Indonesia.....	17,330	18,780	19,700	1,600	2,058	2,070	12,715	17,530	18,500
Iran.....	846	618	667	1,861	3,731	3,761	714	1,046	1,138
Iraq.....	230			1,217			127		
Japan.....	8,108	8,090	7,222	4,329	4,770	4,930	15,931	17,505	16,150
Korea, Republic of.....	2,837	3,039	3,039	3,647	4,049	4,248	4,693	5,582	5,855
Laos.....	1,606			1,020			740		
Malaysia.....	851	1,227	1,310	2,176	2,377	2,063	840	1,323	1,226
Nepal.....	2,800			1,647			2,095		
Pakistan.....	24,955	29,363		1,467	1,597		16,539	21,265	
Philippines.....	7,821	7,690	7,660	1,096	1,500	1,511	3,883	5,233	5,250
Sabah.....	89			1,897			110		
Sarawak.....	282			860			77		
Thailand.....	14,735	18,740	18,780	1,507	1,578	1,585	10,074	13,410	13,500
Turkey (Europe and Asia).....	129	148	136	2,598	2,979	3,112	152	200	92
Vietnam, South.....	6,054	5,980	6,225	1,841	1,886	2,019	5,056	5,115	5,700
<b>Total (excluding Communist Asia) <sup>5</sup></b>	<b>196,631</b>	<b>214,880</b>	<b>216,765</b>	<b>1,587</b>	<b>1,738</b>	<b>1,762</b>	<b>141,507</b>	<b>169,375</b>	<b>173,294</b>
<b>Oceania:</b>									
Australia.....	56	99		5,429	6,788		138	305	
<b>Total.....</b>	<b>56</b>	<b>99</b>		<b>5,429</b>	<b>6,788</b>		<b>138</b>	<b>305</b>	
<b>World total <sup>4</sup></b>	<b>220,223</b>	<b>242,598</b>	<b>243,137</b>	<b>1,605</b>	<b>1,763</b>	<b>1,790</b>	<b>160,358</b>	<b>193,973</b>	<b>197,395</b>

<sup>1</sup> Crop year beginning Aug. 1. Crops harvested in Northern Hemisphere during the latter part of the year shown are combined with those harvested in Asia principally from November to May, and in the Southern Hemisphere harvested during the first part of the following year.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> A metric ton is 2,204.6 pounds.

<sup>5</sup> Excluding mainland China, North Korea, and North Vietnam.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

## RICE

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Table 29.—Rice, rough: Supply and distribution, United States, 1960-70

Year beginning August	Supply						Distribution						
	Carryover stocks				Pro- duction	Total	Disappearance					Ending stocks	
	Farm	Mills	Ware- houses	Total			Seed	Milled	Ex- ports	Resid- ual <sup>1</sup>	Total		
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	
1960.....	389	2,809	4,615	7,813	54,591	62,404	2,119	52,047	379	518	55,063	7,341	
1961.....	85	2,940	4,316	7,341	54,198	61,539	2,350	55,387	79	583	58,399	3,140	
1962.....	201	1,823	1,116	3,140	66,045	69,185	2,383	60,786	143	219	63,531	5,654	
1963.....	167	2,343	3,144	5,654	70,269	75,923	2,438	68,264	105	-91	70,736	5,187	
1964.....	112	2,697	2,378	5,187	73,166	78,353	2,464	70,974	126	-116	73,448	4,905	
1965.....	141	2,402	2,362	4,905	76,281	81,186	2,702	70,595	169	2,240	75,706	5,480	
1966.....	347	2,167	2,966	5,480	85,020	90,500	2,688	80,210	161	1,244	84,303	6,197	
1967.....	226	2,869	3,102	6,197	89,379	95,576	3,235	88,116	205	561	92,117	3,459	
1968.....	120	2,234	1,105	3,459	104,075	107,534	2,932	89,086	189	2,835	95,042	12,492	
1969 <sup>2</sup> .....	331	4,295	7,866	12,492	90,838	103,330	2,493	86,544	226	853	90,116	13,214	
1970 <sup>3</sup> .....	241	4,955	8,018	13,214	82,859	96,073							

<sup>1</sup> Includes feed, waste, loss, and shrinkage.<sup>2</sup> Preliminary.Consumer and Marketing Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 29.

Table 30.—Rice, milled: Supply and distribution, United States, 1960-69

Year beginning August	Supply				Distribution					
	Carryover stocks	Production <sup>1</sup>	Imports <sup>2</sup>	Total	Exports <sup>3</sup>	Shipments to Territories	Consumed at breweries	Remaining for domestic food	Total	Ending stocks
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1960.....	3,052	36,928	203	40,183	20,643	2,835	3,482	11,280	38,240	1,943
1961.....	1,943	39,688	274	41,905	20,835	2,551	3,361	13,586	40,333	1,572
1962.....	1,572	43,276	27	44,875	25,190	2,970	2,911	12,326	43,397	1,478
1963.....	1,478	49,146	13	50,637	30,020	2,798	2,767	13,360	48,945	1,602
1964.....	1,692	51,041	338	53,071	30,489	2,820	3,095	14,672	51,076	1,995
1965.....	1,995	50,942	482	53,419	31,135	2,752	3,391	14,150	51,428	1,991
1966.....	1,991	58,382	6	60,379	37,432	2,764	3,828	14,671	58,695	1,684
1967.....	1,684	64,080	5	65,769	41,219	2,605	3,952	15,575	63,351	2,418
1968.....	2,418	65,240	8	67,666	41,000	3,130	4,214	16,599	64,943	2,723
1969.....	2,723	62,350	159	65,232	39,360	3,324	5,088	15,132	62,904	2,328

<sup>1</sup> Production of heads, second heads, screenings, and brewers' rice.<sup>2</sup> Compiled from reports of the U.S. Department of Commerce.<sup>3</sup> Based on bills of lading.Consumer and Marketing Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 30.

Table 31.—Rice: Production, seed used, and farm disposition, United States, 1961-70

Crop of—	Production	Total used for seed	Disposition on farms where grown		
			Used for seed	Fed to livestock <sup>1</sup>	Sold from farms
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1961.....	54,198	2,350	911	30	53,257
1962.....	66,045	2,383	820		65,225
1963.....	70,269	2,458	708		69,561
1964.....	73,166	2,464	692		72,474
1965.....	76,281	2,702	639		75,642
1966.....	85,020	2,688	658		84,362
1967.....	89,379	3,235	576		88,803
1968.....	104,075	2,932	680		103,395
1969.....	90,838	2,510	559		90,279
1970 <sup>2</sup> .....	82,859	2,510	521		82,338

<sup>1</sup> Discontinued.<sup>2</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.



**Table 32.—Rice: Production, seed used, and farm disposition, by States, crop of 1970 (preliminary)**

State	Production	Total used for seed	Farm disposition		State	Production	Total used for seed	Farm disposition	
			Used for seed on farms where grown	Sold from farms				Used for seed on farms where grown	Sold from farms
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Missouri.....	207	7	1	206	Texas.....	20,782	535	91	20,691
Mississippi....	2,244	73	9	2,235	California....	18,205	498	174	18,031
Arkansas.....	21,024	672	195	20,829					
Louisiana.....	20,397	725	51	20,346	United States...	82,859	2,510	521	82,338

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

**Table 33.—Rice, milled: United States exports under specified Government programs, 1960-69**

Year beginning July	Public Law 480					Mutual security (AID) <sup>4</sup>	Total specified Government programs
	Title I, sales for foreign currency	Title II, disaster relief and other assistance <sup>1</sup>	Title III		Title IV, long-term dollar sales		
			Foreign donations <sup>2</sup>	Barter <sup>3</sup>			
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1960.....	11,873	382	1,751	347	—	94	14,447
1961.....	8,246	471	—	—	—	499	9,216
1962.....	12,696	14	—	—	770	345	13,825
1963.....	13,634	—	—	—	1,072	123	14,829
1964.....	11,187	—	—	—	759	66	12,012
1965.....	7,204	—	—	—	716	4,049	11,969
1966.....	15,498	—	—	—	2,763	—	18,261
1967.....	12,659	—	—	—	4,434	546	17,639
1968.....	6,276	208	—	—	14,343	89	20,916
1969 <sup>5</sup> .....	18,700	165	—	—	—	—	18,865

<sup>1</sup> Includes emergency relief and economic development.

<sup>2</sup> Foreign donations are authorized under Sec. 416 of the Agricultural Act of 1949 as amended, and Sec. 302, Title III, P.L. 480.

<sup>3</sup> The barter program is authorized under the Charter Act of the Commodity Credit Corporation; Title III, P.L. 480; and other legislation.

<sup>4</sup> Sales for foreign currency and economic aid under the Act for International Development, P.L. 87-195, and Mutual Security Acts, P.L. 665 and 165.

<sup>5</sup> Preliminary.

Foreign Agricultural Service. Data for 1954-59 in *Agricultural Statistics, 1967*, table 31.

**Table 34.—Rice, milled No. 2: Average wholesale price per 100 pounds at selected markets, 1960-69**

Year beginning August	Medium grains				Long grains <sup>1</sup>			Short grains <sup>2</sup>
	New Orleans	Houston	Stuttgart, Ark.	New York	New Orleans	Houston	New York	San Francisco
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960.....	8.20	8.20	8.05	9.35	9.50	9.55	10.30	8.85
1961.....	9.30	9.40	9.20	10.20	10.15	10.25	11.30	9.50
1962.....	9.35	9.30	9.15	10.25	10.05	10.00	11.25	9.85
1963.....	8.75	8.80	8.55	9.85	10.25	10.30	11.65	9.90
1964.....	8.30	8.35	8.20	9.50	10.15	10.15	11.50	9.80
1965.....	8.20	8.15	8.10	9.55	10.15	10.05	11.45	10.00
1966.....	8.45	8.35	8.20	9.30	10.25	10.00	11.50	10.05
1967.....	8.75	8.65	8.65	9.95	10.25	10.05	12.05	10.25
1968.....	8.45	8.50	8.55	10.25	9.50	9.80	11.80	10.55
1969.....	8.55	8.65	8.60	10.25	9.65	9.90	11.75	10.55

<sup>1</sup> Formerly Bluebonnet rice.

<sup>2</sup> Formerly California Pearl.

Consumer and Marketing Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 32.

Table 35.—Rice, rough: Price-support operations, United States, 1961-71

Year beginning August	Support price		Season average price per cwt. received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC July 31 <sup>4</sup>
	Per cwt.	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	Million cwt.	Percent	Million cwt. <sup>(5)</sup>	Million cwt.
1961.....	4.71	78	5.14	6.4	11.8		0.3
1962.....	4.71	76	5.04	12.2	18.5	1.8	1.9
1963.....	4.71	73	5.01	10.0	14.3	.8	1.4
1964.....	4.71	74	4.90	7.7	10.6	.8	1.0
1965.....	4.50	66	4.93	10.0	13.1	.4	.6
1966.....	4.50	66	4.95	14.4	16.8	.1	.1
1967.....	4.53	66	4.97	18.4	18.3	( <sup>6</sup> )	.1
1968.....	4.60	66	5.00	24.3	22.7	6.3	6.3
1969.....	4.72	65	4.95	22.4	24.5	2.9	5.8
1970.....	4.86	65	5.08	20.6	24.8		
1971.....	* 4.93	* 65					

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>2</sup> Includes loans made, purchases, and purchase agreements entered into.<sup>3</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.<sup>4</sup> Includes milled rice in rough rice equivalent.<sup>5</sup> Less than 50,000 cwt.<sup>6</sup> Preliminary.Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 33.

Table 36.—Rice: United States exports, by country of destination, 1968 and 1969

Country of destination	Year beginning July		Country of destination	Year beginning July	
	1968	1969		1968	1969
Rice, paddy or rough:	1,000 pounds	1,000 pounds	Rice, milled, less than 75% broken—Continued	1,000 pounds	1,000 pounds
Canada.....	250	40	Japan.....	4,244	4,982
Mexico.....	991	41	Kuwait.....	16,618	2,456
Colombia.....	573	64	Malaysia.....	741	2,474
Venezuela.....	16,332	17,530	Nansei and Nanpo Islands.....	18,470	
World total <sup>1</sup> .....	19,775	19,246	Philippines.....	97	46
Rice, milled, less than 75% broken:			Saudi Arabia.....	14,165	1,217
Canada.....	27,289	37,999	Vietnam, South.....	511,554	1,185,533
Mexico.....	159	198	British West Pacific Islands.....	9,370	4,535
Costa Rica.....	216	15	Total Asia and Oceania <sup>1</sup> .....	1,424,450	2,110,738
Nicaragua.....	31		Cameroon.....	1,409	
Bahamas.....	9,074	8,552	Congo (Kinshasa).....	3,009	9,789
Dominican Republic.....	13,203	36,270	Ghana.....	68,495	22,209
Jamaica.....	27,509		Ivory Coast.....	17,170	11,462
Netherlands Antilles.....	5,895	4,140	Liberia.....	851	
Chile.....	22,771	12,366	South Africa, Republic of.....	22,245	22,955
Peru.....	157	40		19,032	29,815
Total Western Hemisphere <sup>1</sup> .....	114,217	103,328	World total <sup>1</sup> .....	1,791,540	2,411,898
Belgium and Luxembourg.....	3,651	12,238	Rice, milled, 75% and over broken:		
France.....	11,874	2,674	Canada.....	4,079	773
Germany, West.....	697	13,300	Jamaica.....		8
Netherlands.....	10,106	19,762	Belgium and Luxembourg.....	1,938	274
Portugal.....	1,556	459	Germany, West.....	6,757	3,905
Sweden.....	5,053	3,109	United Kingdom.....	2,463	1,430
Switzerland.....	5,234	2,315	Aden <sup>2</sup> .....	2,103	1,802
United Kingdom.....	45,127	22,822	Nansei and Nanpo Islands.....	2,319	4,161
Total Europe <sup>1</sup> .....	95,901	80,764	South Africa, Republic of.....	99	417
India.....	110,147	111,415	World total <sup>1</sup> .....	73,791	13,451
Indonesia.....	638,610	747,649			

<sup>1</sup> Includes countries not shown.<sup>2</sup> Name changed to Southern Yemen, effective Jan. 1, 1968.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 37.—Rice, milled equivalent:<sup>1</sup> International trade, average 1960-64, annual 1968 and 1969

Continent and country	Average 1960-64		1968		1969 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>						
Canada.....		122,406		92,548		93,595
El Salvador.....	896	139	50,946	2,981	24,266	518
Honduras.....	1,112	3,491	4,588	15,895	66	20,152
Mexico.....	29,984	12,429		23,286		10,525
Nicaragua.....	2,939	9,681	3,869	32,787	12,608	201
Panama.....		8,048	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )
United States.....	2,387,041	19,864	4,070,883	498	4,080,608	1,407
Barbados.....		18,005		16,341		15,459
Cuba.....		299,742		( <sup>3</sup> )		( <sup>3</sup> )
Dominican Republic.....	4,016	35,866		30,602		
Guadeloupe.....		22,764				
Jamaica.....	34	47,419		82,618		58,716
Netherlands Antilles.....	48	9,989		9,689		( <sup>3</sup> )
Trinidad and Tobago.....	99	82,330	75	59,763	86	65,076
<b>Total.....</b>	<b>2,426,169</b>	<b>672,193</b>	<b>4,130,361</b>	<b>313,958</b>	<b>4,117,634</b>	<b>265,949</b>
<b>South America:</b>						
Argentina.....	13,752	1,458	89,475		162,172	
Bolivia.....		2,991				
Brazil.....	91,401		313,462		154,716	
Guyana.....	134,621		210,921		163,973	
Chile.....	13,969	24,702		27,862		107,846
Colombia.....	3,231	19,956	84	527	43,671	578
Ecuador.....	45,846		22,046	8,818		
Peru.....		43,933		105,654		82,261
Surinam.....	43,701	180	70,327		44,092	( <sup>3</sup> )
Uruguay.....	39,719	24	42,862		149,687	
Venezuela.....		26,279	73,132		19,405	
<b>Total.....</b>	<b>386,240</b>	<b>119,523</b>	<b>822,309</b>	<b>142,861</b>	<b>737,716</b>	<b>190,685</b>
<b>Europe:</b>						
Austria.....	1	128,403	2	130,754		77,576
Belgium and Luxembourg.....	50,920	188,564	27,939	98,137	30,439	109,067
Denmark.....	96	22,339		12,875	95	14,365
Finland.....		47,940		23,671		81,041
France.....	55,296	228,433	150,596	298,413	37,218	250,438
Germany, West.....	30,803	519,596	49,862	321,829	40,166	306,253
Greece.....	826	16,781	19,623	8,516	9,187	5,901
Italy.....	564,839	5,381	409,482	23,951	393,624	2,000
Netherlands.....	82,210	233,152	44,423	154,996	48,667	145,384
Norway.....	15	21,065		8,031		13,252
Portugal.....	101	40,567		77,836		69,626
Spain.....	196,806		221,249		109,206	
Sweden.....	4	37,666	20	28,965	15	25,585
Switzerland.....	905	101,682		50,614		50,309
United Kingdom.....		191,872		273,400		253,856
<b>Total Western Europe.....</b>	<b>982,791</b>	<b>1,781,621</b>	<b>923,196</b>	<b>1,509,988</b>	<b>668,617</b>	<b>1,354,653</b>
<b>Czechoslovakia.....</b>		<b>246,116</b>	<b>220</b>	<b>149,470</b>	<b>(<sup>3</sup>)</b>	<b>(<sup>3</sup>)</b>
<b>Germany, East.....</b>		<b>103,078</b>		<b>102,955</b>		<b>99,430</b>
<b>Hungary.....</b>	<b>9,202</b>	<b>34,110</b>		<b>38,800</b>		<b>(<sup>3</sup>)</b>
<b>Poland.....</b>	<b>2,832</b>	<b>249,951</b>		<b>130,073</b>		<b>136,690</b>
<b>Romania.....</b>		<b>71,297</b>		<b>65,477</b>		<b>(<sup>3</sup>)</b>
<b>Yugoslavia.....</b>	<b>1,509</b>	<b>112,801</b>		<b>61,923</b>		<b>153,530</b>
<b>Total Eastern Europe and U.S.S.R.....</b>	<b>176,589</b>	<b>2,732,400</b>	<b>9,700</b>	<b>1,121,900</b>	<b>(<sup>3</sup>)</b>	<b>1,106,150</b>
<b>Africa:</b>						
Algeria.....	1,864	6,661		3,607		
Angola.....	5,797	1,401	4,270	3,474	3,067	( <sup>3</sup> )
Cameroon.....		10,594		27,243		22,677
Comoro Islands.....		13,490				
Congo (Kinshasa).....	6	39,539		38,969		38,580
Dahomey.....	96	10,174		13,228		11,023
Gambia.....		7,046		22,046		22,000
Ghana.....		98,834		67,472		61,573
Guinea.....		59,391				
Ivory Coast.....		86,781	121	131,096	123	118,805
Kenya.....	297	8,936	3,466	6,605	2,471	
Liberia.....	7	53,166		100,332		

See footnotes at end of table.

Table 37.—Rice, milled equivalent: <sup>1</sup> International trade, average 1960-64, annual 1968 and 1969—Continued

Continent and country	Average 1960-64		1968		1969 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Africa—Continued</b>						
Malagasy Republic.....	66,428	13,972	152,785	2	114,396	93,908
Mauritius.....		147,415		135,690		142,926
Morocco.....	7,406	1,456	15,346	7	30,428	201
Mozambique.....	5,103	197	9,658			3,570
Nigeria.....	175	3,308		694		1,437
Reunion.....		69,007				
Senegal and Mauritania.....	121	262,592	187	408,206	51	321,682
Sierra Leone.....	165	48,516	11	37,814		15,344
Somali Republic.....	4	16,082				
South Africa, Republic of.....		116,657		174,076	4,239	178,830
Sudan.....		7,653		14,927		22,015
Togo.....	281	6,623		2,851		5,237
Tunisia.....		8,510		4,359		
United Arab Republic.....	612,455	4,482	157,121		677,123	
Uganda.....	122	8,047		2,955		9,471
Tanzania (Zanzibar).....	7	20,390		33,135		17,646
<b>Total.....</b>	<b>700,304</b>	<b>1,128,020</b>	<b>342,965</b>	<b>1,228,798</b>	<b>831,898</b>	<b>1,087,185</b>
<b>Asia:</b>						
Southern Yemen <sup>3</sup> .....	41,761	60,581	12,039	62,702	( <sup>4</sup> )	109,870
Other Arabian Peninsula.....		358,344	( <sup>5</sup> )	( <sup>6</sup> )	( <sup>7</sup> )	( <sup>8</sup> )
Israel.....		34,182		43,041		66,134
Jordan.....		47,304		38,872		42,225
Lebanon.....	445	36,641			795	63,427
Turkey (Europe and Asia).....		6,490	3,977			28,350
Iraq.....	52	132,542		( <sup>9</sup> )		( <sup>10</sup> )
Syria.....	8	49,664		( <sup>11</sup> )	26	67,047
Brunei.....	1	15,026		( <sup>12</sup> )		( <sup>13</sup> )
North Borneo.....	1,552	58,643				
Sarawak.....	15	122,577		99,708		( <sup>14</sup> )
Burma.....	3,574,287		775,366		1,267,658	
Ceylon.....	610	1,088,550		815,508		680,646
China: Mainland.....	1,415,274	13,228	2,259,730		1,081,810	
Taiwan.....	153,169	32,134	149,363		75,956	5,496
Hong Kong.....	89,920	887,311	24,939	692,273	30,595	764,962
India.....	34,903	1,172,559	( <sup>15</sup> )	984,143		1,074,092
Cambodia.....	688,403		420,223		226,635	
Laos.....		64,698		73,473		( <sup>16</sup> )
Vietnam, South.....	418,690	2,080		1,494,513		718,045
Indonesia.....	322	2,338,839		972,238		1,336,000
Japan.....	47,257	490,862	809	597,232	751,364	123,900
Korea, Republic of.....		52,216	2	544,107		1,391,695
Macao.....		39,862		30,214		( <sup>17</sup> )
Malaysia and Singapore.....	189,122	1,393,713	165,243	1,169,759	( <sup>18</sup> )	1,207,412
Pakistan.....	251,875	674,019	176,513	78,249	297,461	67,067
Philippines.....	764	262,700	13,228			( <sup>19</sup> )
Ryukyu Islands.....		175,678	( <sup>20</sup> )	( <sup>21</sup> )	( <sup>22</sup> )	( <sup>23</sup> )
Thailand.....	3,264,993		2,288,448		2,202,519	
Tibet, Nepal, and Bhutan.....	32,760	3,977	( <sup>24</sup> )		( <sup>25</sup> )	
<b>Total.....</b>	<b>10,206,183</b>	<b>9,594,980</b>	<b>6,289,880</b>	<b>7,696,032</b>	<b>5,934,819</b>	<b>7,746,068</b>
<b>Oceania:</b>						
Australia.....	162,976		213,174	2,130	238,000	3,680
Fiji Islands.....		11,644		9,700		( <sup>26</sup> )
New Caledonia.....		4,332		( <sup>27</sup> )		( <sup>28</sup> )
New Guinea and Papua.....		52,205		64,155		( <sup>29</sup> )
New Hebrides.....		3,978		( <sup>30</sup> )		( <sup>31</sup> )
New Zealand.....	( <sup>32</sup> )	6,811		10,582		7,685
<b>Total.....</b>	<b>162,976</b>	<b>78,970</b>	<b>213,174</b>	<b>86,567</b>	<b>238,000</b>	<b>11,365</b>
<b>World total.....</b>	<b>15,041,252</b>	<b>16,105,707</b>	<b>12,731,585</b>	<b>12,100,104</b>	<b>12,828,684</b>	<b>11,762,055</b>

<sup>1</sup> Includes milled, semi-milled, broken, and rough rice in terms of milled.<sup>2</sup> Preliminary.<sup>3</sup> Not available.<sup>4</sup> Less than 500 pounds.<sup>5</sup> Formerly Aden.<sup>6</sup> Returns of importing countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 38.—Corn: Acreage, yield, production, value, and foreign trade, United States, 1954-70

Year	Acreage planted, all purposes	Corn for grain					Corn for silage			Foreign trade <sup>2</sup>		
		Acreage harvested	Yield per harvested acre	Production	Season average price per bushel <sup>1</sup>	Farm value	Acreage harvested	Production	Forage acreage harvested	Domestic ex- ports <sup>1</sup>	Imports for con- sump- tion	
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	1,000 tons	1,000 acres	1,000 bushels	1,000 bushels	
1954		66,793	39.1	2,612,911			6,912	49,425	4,418			
1954	82,185	68,668	39.4	2,707,913	1.43	3,872,433	7,114	52,559	4,404	92,563	1,138	
1955	80,932	68,462	42.0	2,872,959	1.35	3,848,649	6,961	52,974	3,944	108,900	1,100	
1956	77,828	64,877	47.4	3,075,336	1.29	3,967,290	6,535	54,571	3,835	164,789	920	
1957	73,180	63,065	48.3	3,045,355	1.11	3,393,496	6,122	54,072	2,677	183,628	1,869	
1958	73,361	63,549	52.8	3,356,205	1.12	3,755,553	6,284	55,612	2,391	214,410	1,138	
1959	82,742	72,091	53.1	3,824,598	1.05	4,013,126	7,017	59,708	2,794	211,829	1,152	
1960	81,425	71,422	54.7	3,906,949	1.00	3,928,779	7,176	65,429	2,080	276,532	1,221	
1961	65,919	57,634	62.4	3,597,806	1.10	3,938,994	6,261	66,064	1,510	415,674	1,357	
1962	65,017	55,726	64.7	3,606,311	1.12	4,025,290	7,201	76,753	1,547	397,732	975	
1963	68,771	59,227	67.9	4,019,238	1.11	4,454,048	7,692	82,926	1,398	478,789	993	
1964		55,751	62.5	3,561,142			8,373	79,340	1,391			
1964	65,823	55,369	62.9	3,484,253	1.17	4,064,208	8,620	83,551	1,399	552,354	1,045	
1965	65,119	55,332	73.8	4,084,342	1.16	4,731,871	8,035	84,266	1,198	673,265	885	
1966	66,306	56,933	72.3	4,117,355	1.24	5,105,667	7,921	89,257	974	471,336	849	
1967	71,093	60,557	78.6	4,760,076	1.03	4,939,670	8,343	94,116	1,078	619,751	915	
1968	65,126	55,880	78.6	4,393,273	1.08	4,763,061	7,833	92,059	890	524,674	1,327	
1969	64,476	54,598	83.9	4,582,534	1.16	5,289,754	7,910	98,506	852	601,511	1,245	
1970 <sup>4</sup>	67,171	57,359	71.7	4,109,792	1.34	5,478,938	8,182	94,206	844			

<sup>1</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>2</sup> Compiled from reports of the Department of Commerce. Includes cornmeal converted to grain equivalent on the basis of 3.16 bushels of grain to 100 pounds of meal.

<sup>3</sup> Includes shipments under the Army Civilian Supply Program.

<sup>4</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1896-1953 in *Agricultural Statistics, 1967*, table 38.

Table 39.—Corn: Stocks on and off farms, United States, 1961-71

Year	On farms				Off farms <sup>2</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1961	3,055,117	2,093,699	1,454,961	586,107	1,640,573	1,579,538	1,369,483	1,426,356
1962	3,018,577	2,152,826	1,559,048	578,295	1,472,939	1,236,357	923,892	1,074,237
1963	2,958,288	2,008,162	1,401,285	533,801	1,251,748	1,039,612	728,605	831,334
1964	3,209,565	2,269,686	1,513,667	681,101	1,135,189	1,008,777	862,813	855,421
1965	2,737,488	1,866,473	1,243,125	581,449	1,137,392	938,763	650,332	565,593
1966	3,084,863	2,122,751	1,323,576	529,705	956,475	740,542	459,284	310,538
1967	2,898,768	2,043,897	1,337,292	569,155	778,619	671,090	405,683	254,075
1968	3,391,263	2,394,728	1,646,440	781,763	866,061	809,946	530,578	380,493
1969	3,276,322	2,223,680	1,486,739	728,220	957,060	817,228	581,656	385,174
1970	3,323,278	2,223,338	1,403,519	569,390	993,137	767,827	519,562	429,593
1971 <sup>3</sup>	2,729,548	—	—	—	1,012,045	—	—	—

<sup>1</sup> Old crop only.

<sup>2</sup> Stocks at mills, elevators, warehouses, commercial stocks at terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 42.

Table 40.—Corn: Acreage, production, and season average price per bushel received by farmers, by States, 1968-70

State and division	Acreage planted for all purposes			Acreage harvested for grain			Grain production			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
Maine.....	14	16	19	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Hampshire.....	14	15	16	.....	.....	.....	.....	.....	.....	.....	.....	.....
Vermont.....	63	74	78	.....	.....	.....	.....	.....	.....	.....	.....	.....
Massachusetts.....	29	31	32	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rhode Island.....	5	5	5	.....	.....	.....	.....	.....	.....	.....	.....	.....
Connecticut.....	45	46	48	.....	.....	.....	.....	.....	.....	.....	.....	.....
New York.....	754	799	847	235	247	279	16,920	18,525	22,041	1.20	1.34	1.46
New Jersey.....	98	98	102	53	61	65	3,551	4,941	5,070	1.23	1.33	1.51
Pennsylvania.....	1,225	1,250	1,300	810	907	943	56,700	76,188	80,155	1.25	1.37	1.48
North Atlantic.....	2,247	2,334	2,447	1,098	1,215	1,287	77,171	99,654	107,266	.....	.....	.....
Ohio.....	3,121	3,022	3,247	2,884	2,740	3,014	242,256	232,900	232,078	1.07	1.18	1.35
Indiana.....	4,980	4,915	5,210	4,790	4,742	5,027	407,150	455,232	371,998	1.05	1.15	1.35
Illinois.....	10,379	10,081	10,442	10,088	9,698	10,066	897,832	950,404	744,884	1.10	1.18	1.37
Michigan.....	1,705	1,671	1,788	1,266	1,266	1,444	96,216	93,684	114,076	1.03	1.14	1.30
Wisconsin.....	2,715	2,715	2,769	1,754	1,684	1,794	103,122	139,772	143,520	1.08	1.16	1.35
Minnesota.....	5,400	4,964	5,300	4,548	4,139	4,594	368,388	351,815	390,490	1.02	1.05	1.21
Iowa.....	10,346	10,449	10,668	9,808	9,514	9,990	912,144	932,372	859,140	1.07	1.11	1.28
Missouri.....	3,189	2,966	3,114	2,958	2,603	2,837	245,514	182,210	173,057	1.09	1.19	1.40
North Dakota.....	642	571	542	132	123	130	6,468	6,888	6,500	1.02	1.00	1.15
South Dakota.....	3,194	3,290	3,455	2,399	2,447	2,496	110,354	130,479	102,336	1.04	1.03	1.21
Nebraska.....	4,839	5,033	5,536	4,239	4,620	4,897	313,686	429,660	367,275	1.09	1.09	1.27
Kansas.....	1,448	1,535	1,689	1,134	1,236	1,285	85,050	91,464	79,670	1.06	1.13	1.30
North Central.....	51,958	51,212	53,760	46,000	44,812	47,574	3,848,180	4,005,880	3,585,024	.....	.....	.....
Delaware.....	192	184	195	177	170	185	8,673	13,260	13,690	1.14	1.25	1.46
Maryland.....	570	559	565	484	479	484	31,944	38,799	40,172	1.10	1.27	1.47
Virginia.....	629	613	650	436	432	458	30,956	33,264	31,144	1.12	1.28	1.48
West Virginia.....	78	81	87	44	49	52	2,376	3,087	3,120	1.27	1.36	1.46
North Carolina.....	1,520	1,459	1,561	1,348	1,281	1,345	80,880	87,108	67,250	1.12	1.29	1.53
South Carolina.....	438	458	490	387	402	402	17,415	18,894	10,854	1.16	1.33	1.57
Georgia.....	1,701	1,701	1,684	1,455	1,426	1,426	58,200	47,058	44,206	1.17	1.37	1.61
Florida.....	487	425	484	373	358	322	15,666	13,962	8,050	1.19	1.28	1.60
South Atlantic.....	5,585	5,480	5,666	4,704	4,597	4,674	246,110	255,432	218,486	.....	.....	.....
Kentucky.....	1,192	1,144	1,167	1,051	998	988	69,366	76,846	49,400	1.17	1.30	1.52
Tennessee.....	792	744	722	658	605	569	30,926	27,830	22,760	1.18	1.32	1.53
Alabama.....	802	738	686	688	619	545	22,016	17,332	12,535	1.18	1.36	1.58
Mississippi.....	430	390	332	370	318	248	14,430	9,858	6,944	1.24	1.37	1.56
Arkansas.....	59	62	57	32	47	45	1,976	1,504	1,575	1.21	1.26	1.43
Louisiana.....	162	162	172	143	134	147	5,863	3,886	4,968	1.25	1.35	1.49
Oklahoma.....	75	95	102	53	58	61	3,392	3,770	4,758	1.15	1.21	1.32
Texas.....	602	752	639	501	571	531	26,052	25,124	32,391	1.15	1.29	1.42
South Central.....	4,114	4,087	3,877	3,516	3,350	3,134	174,021	166,150	135,361	.....	.....	.....
Montana.....	70	65	62	4	6	4	300	420	288	1.26	1.24	1.41
Idaho.....	83	91	97	24	28	30	1,068	2,580	2,430	1.24	1.35	1.49
Wyoming.....	61	67	67	20	18	27	1,400	1,170	1,674	1.18	1.22	1.36
Colorado.....	505	577	594	267	302	332	22,428	27,935	31,872	1.15	1.18	1.29
New Mexico.....	50	52	47	17	17	17	1,020	1,054	1,071	1.36	1.40	1.47
Arizona.....	29	31	30	17	16	14	544	432	336	1.48	1.47	1.68
Utah.....	46	54	63	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nevada.....	3	4	3	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	62	82	88	20	33	38	1,940	3,399	3,952	1.30	1.34	1.55
Oregon.....	32	35	38	8	10	12	616	780	864	1.44	1.40	1.55
California.....	280	305	332	185	194	216	17,575	17,548	21,166	1.36	1.44	1.58
Western.....	1,222	1,363	1,421	562	624	690	47,791	55,418	63,655	.....	.....	.....
United States.....	65,126	64,476	67,171	55,880	54,598	57,359	4,393,273	4,582,534	4,109,792	1.08	1.16	1.34

<sup>1</sup> Preliminary.<sup>2</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.



Table 41.—Corn: Utilization for silage, hogging down, grazing, and forage, by States, 1968-70

State and division	Acreage harvested for silage			Silage production			Hogged, grazed, and forage		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres
Maine.....	14	16	19	203	264	266	-----	-----	-----
New Hampshire.....	14	15	16	221	255	256	-----	-----	-----
Vermont.....	63	74	78	895	1,110	1,092	-----	-----	-----
Massachusetts.....	29	31	32	415	527	480	-----	-----	-----
Rhode Island.....	5	5	5	65	78	65	-----	-----	-----
Connecticut.....	45	46	48	698	782	744	-----	-----	-----
New York.....	502	532	543	6,275	7,448	7,602	11	14	11
New Jersey.....	41	33	33	430	446	462	3	3	3
Pennsylvania.....	398	326	326	4,776	4,890	5,053	7	6	7
North Atlantic.....	1,111	1,078	1,100	13,978	15,800	16,020	21	23	21
Ohio.....	211	243	211	2,954	3,451	2,722	10	9	6
Indiana.....	136	147	151	2,040	2,352	2,089	24	12	17
Illinois.....	249	262	292	3,735	3,799	3,504	21	20	21
Michigan.....	390	378	318	4,290	4,347	3,816	23	18	16
Wisconsin.....	916	953	934	10,809	10,483	10,274	23	29	18
Minnesota.....	794	786	676	8,734	8,410	7,166	27	14	15
Iowa.....	475	561	583	6,888	8,415	7,579	42	44	52
Missouri.....	175	180	196	2,100	1,980	1,862	35	37	41
North Dakota.....	410	353	335	2,091	1,800	1,809	93	89	70
South Dakota.....	705	749	876	4,935	5,243	5,256	63	66	53
Nebraska.....	464	334	338	4,406	4,843	4,842	40	26	43
Kansas.....	271	252	343	3,388	3,276	3,602	12	14	9
North Central.....	5,196	5,198	5,453	56,372	58,399	54,471	413	378	361
Delaware.....	12	12	8	132	174	104	2	1	1
Maryland.....	80	74	75	960	1,073	1,125	4	4	4
Virginia.....	178	165	178	2,314	2,475	2,225	13	11	10
West Virginia.....	32	29	32	384	450	464	1	2	1
North Carolina.....	135	140	144	1,822	1,960	1,636	30	31	36
South Carolina.....	22	26	27	286	299	243	22	20	32
Georgia.....	65	57	52	715	513	494	154	158	147
Florida.....	14	11	13	168	121	130	59	46	51
South Atlantic.....	538	514	529	6,781	7,065	6,441	285	273	282
Kentucky.....	110	126	130	1,006	1,764	1,560	7	6	23
Tennessee.....	102	102	114	1,173	1,275	1,254	20	18	17
Alabama.....	43	37	29	387	352	276	56	60	56
Mississippi.....	41	38	38	472	399	494	9	9	10
Arkansas.....	3	5	5	26	43	48	3	6	5
Louisiana.....	7	10	7	77	90	77	8	6	8
Oklahoma.....	19	30	37	285	480	666	1	4	2
Texas.....	77	114	76	1,155	1,596	1,216	12	23	9
South Central.....	411	462	436	5,181	5,999	5,591	116	132	130
Montana.....	43	44	46	580	550	644	21	13	11
Idaho.....	56	60	64	1,008	1,110	1,216	2	2	2
Wyoming.....	31	42	34	418	609	510	7	6	6
Colorado.....	209	238	235	3,448	3,927	3,995	12	11	17
New Mexico.....	29	29	24	450	450	420	3	4	4
Arizona.....	10	13	14	195	286	322	1	1	1
Utah.....	44	52	59	748	910	1,062	1	1	3
Nevada.....	4	3	3	48	60	45	-----	-----	-----
Washington.....	40	47	49	800	987	931	2	2	1
Oregon.....	21	22	23	368	374	391	2	2	2
California.....	91	107	113	1,684	1,980	2,147	4	4	3
Western.....	577	658	664	9,747	11,243	11,683	55	46	50
United States.....	7,833	7,910	8,182	92,059	98,506	94,206	890	852	844

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 42.—Corn: Area, yield per hectare, and production in specified countries, average 1960-64, annual 1969 and 1970<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>
	1,000 hec- tares <sup>4</sup>	1,000 hec- tares <sup>4</sup>	1,000 hec- tares <sup>4</sup>	Quin- tals <sup>4</sup>	Quin- tals <sup>4</sup>	Quin- tals <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
North America:									
Canada.....	202	396	482	44.6	47.1	52.9	903	1,865	2,549
Costa Rica.....	71	67	70	10.6	10.1	10.7	76	68	75
El Salvador.....	181	192	200	10.8	14.5	15.5	196	279	310
Guatemala.....	681	839	-----	8.3	8.8	-----	570	736	-----
Honduras.....	388	412	-----	7.8	9.2	-----	303	380	-----
Mexico.....	6,239	7,250	-----	9.7	9.0	-----	6,064	6,500	-----
Nicaragua.....	143	209	230	8.7	8.7	8.3	124	182	190
Panama.....	86	100	-----	8.3	7.8	7.0	72	78	70
United States.....	24,232	22,085	23,469	39.2	52.7	44.4	94,562	116,282	104,245
Total <sup>5</sup> .....	32,595	31,708	33,448	31.6	39.9	34.9	103,190	126,495	116,879
South America:									
Argentina.....	2,836	4,017	-----	17.8	23.3	-----	4,984	9,360	-----
Brazil.....	7,844	10,400	11,000	12.9	13.6	-----	10,112	14,100	-----
Chile.....	74	74	-----	23.8	32.4	-----	176	240	-----
Colombia.....	734	855	865	11.0	11.0	11.0	807	940	950
Ecuador.....	206	215	-----	7.3	9.8	-----	151	210	-----
Peru.....	337	360	380	14.6	16.7	16.6	497	600	630
Uruguay.....	228	183	-----	6.5	7.6	-----	147	139	-----
Venezuela.....	428	639	-----	10.8	10.5	-----	461	670	-----
Total <sup>5</sup> .....	13,064	17,153	17,804	13.6	15.6	15.2	17,820	26,739	27,095
Europe:									
France.....	902	1,184	1,463	29.1	48.3	50.7	2,625	5,723	7,420
Germany, West.....	17	81	97	23.6	49.4	51.5	39	400	500
Italy.....	1,140	1,000	1,027	32.8	45.1	46.7	3,732	4,506	4,801
Total EEC.....	2,058	2,265	2,587	31.1	46.9	49.2	6,396	10,629	12,721
Austria.....	53	117	124	38.4	59.7	55.2	202	698	684
Greece.....	187	147	159	15.3	29.3	33.1	286	430	527
Portugal.....	489	429	407	11.5	12.9	14.3	562	552	580
Spain.....	461	525	650	23.4	30.0	28.5	1,075	1,576	1,854
Total Western Europe.....	3,250	3,483	3,927	26.2	39.9	41.7	8,520	13,885	16,366
Bulgaria.....	652	578	700	25.5	41.0	40.0	1,655	2,371	2,800
Czechoslovakia.....	206	124	140	24.9	39.9	37.1	509	495	520
Hungary.....	1,396	1,268	1,300	25.3	37.3	36.0	3,304	4,732	4,680
Romania.....	3,361	3,259	2,700	17.2	23.3	24.1	5,784	7,676	6,500
Yugoslavia.....	2,476	2,397	2,356	22.8	32.6	29.7	5,664	7,821	7,000
Total Eastern Europe.....	7,997	7,660	7,196	21.2	30.2	29.9	16,920	23,095	21,500
Total Europe.....	11,247	11,143	11,123	22.6	33.2	34.0	25,440	36,980	37,866
U.S.S.R. (Europe and Asia) <sup>6</sup> .....	6,280	4,200	4,500	15.3	23.6	24.2	9,564	9,900	10,900
Africa:									
Kenya.....	1,174	1,140	-----	11.6	12.3	-----	1,360	1,400	-----
Morocco.....	454	465	493	7.2	7.2	5.6	297	333	276
South Africa, Republic of.....	5,304	6,036	-----	9.7	10.6	-----	5,147	6,424	-----
United Arab Republic.....	726	635	-----	25.1	36.2	-----	1,823	2,300	-----
Total <sup>5</sup> .....	14,448	15,648	15,785	12.0	11.6	12.6	15,500	18,102	19,821
Asia:									
China (Taiwan).....	17	19	22	18.5	23.7	25.0	32	45	55
India.....	4,533	5,500	6,000	9.7	10.3	10.8	4,402	5,679	6,500
Indonesia.....	2,896	3,150	3,134	9.7	10.8	9.8	2,823	3,400	3,066
Japan.....	40	14	12	25.7	28.6	25.0	104	40	30
Pakistan.....	482	650	675	10.4	10.1	10.0	498	659	676
Philippines.....	1,926	2,420	2,500	6.4	8.3	8.0	1,230	2,008	2,000
Thailand.....	373	720	730	19.3	23.6	27.4	720	1,700	2,000
Turkey.....	684	659	650	13.4	15.2	15.4	916	1,000	1,000
Vietnam, South.....	-----	-----	28	-----	-----	12.5	-----	-----	35
Total <sup>5</sup> .....	21,611	24,150	24,739	10.8	11.8	11.9	23,390	28,455	29,548

See footnotes at end of table.

Table 42.—Corn: Area, yield per hectare, and production in specified countries, average 1960-64, annual 1969 and 1970 <sup>1</sup>—Continued

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>
	1,000 hectares <sup>4</sup>	1,000 hectares <sup>4</sup>	1,000 hectares <sup>4</sup>	Quintals <sup>4</sup>	Quintals <sup>4</sup>	Quintals <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
Oceania:									
Australia.....	83	74		21.1	30.6		176	226	
New Zealand.....	3	8		48.8	57.5		16	46	
Total <sup>5</sup> .....	87	89	89	22.2	32.8	33.3	192	272	296
World total <sup>5</sup> .....	99,355	104,084	107,489	19.6	23.7	22.6	195,130	246,943	242,405

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1970 is combined with estimates for the Southern Hemisphere harvest, which begins early in 1971.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> A hectare is equivalent to 2.471 acres. A quintal of corn is equivalent to 3.94 bushels and a metric ton of corn is equivalent to 39.368 bushels.

<sup>5</sup> Estimated totals include allowances for producing countries not shown.

<sup>6</sup> Production estimated.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 43.—Corn: Supply and disappearance, United States, 1960-70

Year beginning October	Supply						
	Carryover stocks, Oct. 1				Production	Imports <sup>1</sup>	Total supply
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation <sup>1</sup>	Total			
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1960.....	452	736	599	1,787	3,907	1	5,695
1961.....	588	813	615	2,016	3,598	1	5,615
1962.....	579	590	484	1,653	3,606	1	5,260
1963.....	534	435	396	1,365	4,019	1	5,385
1964.....	681	442	414	1,537	3,484	1	5,022
1965.....	581	258	308	1,147	4,084	1	5,232
1966.....	530	176	134	840	4,117	1	4,958
1967.....	569	156	98	823	4,760	1	5,584
1968.....	782	277	103	1,162	4,393	1	5,556
1969 <sup>2</sup> .....	728	242	143	1,113	4,583	1	5,697
1970 <sup>2</sup> .....	569	319	111	999	4,110	5	5,114

  

Year beginning October	Disappearance									
	Processed into food and industrial products						Seed	Live-stock feed <sup>3</sup>	Total domestic use	Total exports <sup>3</sup>
	Break-fast foods	Corn-meal and grits <sup>4</sup>	Wet-process products	Alcohol and distilled spirits	For domestic use	Exports of products				
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1960.....	16	96	155	33	284	16	11	3,092	3,387	292
1961.....	17	102	169	36	304	20	11	3,212	3,527	435
1962.....	18	105	179	28	311	19	11	3,157	3,479	416
1963.....	19	111	195	26	328	23	11	3,009	3,348	500
1964.....	19	109	201	28	337	20	11	2,957	3,305	570
1965.....	20	111	204	30	348	17	13	3,344	3,705	687
1966.....	21	117	205	33	355	21	14	3,279	3,648	487
1967.....	21	117	213	34	365	20	12	3,412	3,789	633
1968.....	22	114	220	33	374	15	12	3,521	3,907	536
1969.....	22	116	226	31	381	14	13	3,692	4,086	612

See footnotes on page 33.

Table 44.—Corn: Production and farm disposition, United States, 1961-70

Crop of—	Production for grain	Disposition on farms where grown		Crop of—	Production for grain	Disposition on farms where grown	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
1961.....	3,597,803	2,115,351	1,482,452	1966.....	4,117,355	2,038,496	2,078,859
1962.....	3,606,311	2,043,973	1,562,338	1967.....	4,760,076	2,222,601	2,537,475
1963.....	4,019,238	2,144,106	1,875,132	1968.....	4,393,273	2,066,472	2,326,801
1964.....	3,484,253	1,780,769	1,703,484	1969.....	4,582,534	2,081,049	2,501,485
1965.....	4,084,342	2,077,118	2,007,224	1970 <sup>1</sup> .....	4,108,792	1,867,742	2,242,050

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1944-60 in *Agricultural Statistics, 1967*, table 43.

Table 45.—Corn: Production and farm disposition, by States, crop of 1970 (preliminary)

State	Production for grain	Disposition on farms where grown		State	Production for grain	Disposition on farms where grown	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
New York.....	22,041	12,563	9,478	Georgia.....	44,206	22,103	22,103
New Jersey.....	5,070	1,825	3,245	Florida.....	8,060	4,427	3,633
Pennsylvania.....	90,155	48,895	31,260	Kentucky.....	49,400	36,062	13,338
Ohio.....	232,078	113,718	118,360	Tennessee.....	22,760	13,636	9,104
Indiana.....	371,998	148,799	223,199	Alabama.....	12,535	8,649	3,886
Illinois.....	744,884	245,812	499,072	Mississippi.....	6,944	6,111	833
Michigan.....	114,076	57,038	57,038	Arkansas.....	1,575	1,008	567
Wisconsin.....	143,520	103,334	40,186	Louisiana.....	4,998	3,599	1,399
Minnesota.....	390,490	179,625	210,865	Oklahoma.....	4,758	2,141	2,617
Iowa.....	859,140	446,753	412,387	Texas.....	32,391	9,717	22,674
Missouri.....	173,057	95,181	77,876	Montana.....	288	228	60
North Dakota.....	6,500	4,695	2,405	Idaho.....	2,430	972	1,458
South Dakota.....	102,336	56,285	46,051	Wyoming.....	1,674	1,021	653
Nebraska.....	367,275	139,564	227,711	Colorado.....	31,872	8,418	26,454
Kansas.....	79,670	24,698	54,972	New Mexico.....	1,071	707	364
Delaware.....	13,690	1,917	11,773	Arizona.....	336	101	235
Maryland.....	40,172	15,265	24,907	Washington.....	3,952	514	3,438
Virginia.....	31,144	18,064	13,080	Oregon.....	864	423	441
West Virginia.....	3,120	2,621	499	California.....	21,168	1,270	19,898
North Carolina.....	67,250	28,245	39,005				
South Carolina.....	10,854	5,818	5,536	United States.....	4,108,792	1,867,742	2,242,050

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

## FOOTNOTES FOR TABLE 45

<sup>1</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Additional CCC stocks are included in other off-farm positions.

<sup>2</sup> Grain and grain equivalent of corn products. Compiled from reports of the Bureau of the Census.

<sup>3</sup> Preliminary.

<sup>4</sup> Estimated quantities used in producing cornmeal (including farm household use), flour, hominy grits, and flakes for human food and for the production of fermented malt liquors. Based on reports of the Bureau of the Census and the Internal Revenue Service.

<sup>5</sup> Residual; includes minor uses and waste.

Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 46.

Table 46.—Corn and cornmeal: United States exports (domestic) by country of destination, average 1960-64, annual 1968 and 1969

Country of destination	Year beginning July			Country of destination	Year beginning July		
	Average 1960-64	1968	1969		Average 1960-64	1968	1969
Corn:	1,000 bushels	1,000 bushels	1,000 bushels	Cornmeal:	Cwt.	Cwt.	Cwt.
Canada <sup>1</sup> .....	22,992	31,458	26,246	Canada.....	198,740	389,267	569,498
Other Americas.....	9,472	11,025	28,393	Dominican Republic.....	126,902	222,293	147,364
Total Americas.....	32,464	42,483	54,639	Brazil.....	197,158	188,086	132,965
Belgium and Luxembourg.....	23,656	20,955	27,197	Colombia.....	153,169	38,087	80,541
Germany, West.....	25,438	42,193	43,661	Venezuela.....	50,634	5,388	311
Greece.....	5,956	11,393	14,694	Other Americas.....	653,184	377,283	299,522
Ireland.....	7,865	755	2,308	Total Americas.....	1,379,787	1,420,384	1,230,201
Italy.....	33,598	60,427	51,783	Portugal.....	29,431		
Netherlands.....	67,162	102,785	87,280	Other Europe.....	234,501	70,497	73,090
Norway.....	3,049	202	1,477	Total Europe.....	263,932	70,497	73,090
Spain.....	23,304	6,603	32,117	India.....	520,901	10,051	105,732
United Kingdom.....	90,093	65,087	72,382	Korea, Republic of.....	1,143,705	117,364	146,425
Other Europe.....	16,730	33,770	30,289	Philippines.....	241,146	45,948	5,415
Total Europe.....	296,891	344,170	363,188	Vietnam, South.....	110,130	357,473	148,054
India.....	4,097	48	1,537	Other Asia and Oceania.....	95,572	69,608	34,373
Israel.....	6,685	3,475	5,457	Morocco.....	2,215	475,867	645,885
Japan.....	45,036	107,566	176,867	Senegal.....	20,748	65,814	149,227
Other Asia and Oceania.....	3,983	10,641	15,228	South Africa, Republic of.....	2,215	70,265	51,948
United Arab Republic.....	9,965		2,061	United Arab Republic.....	311,402		
Other Africa.....	5,199	2,780	5,936	Other Africa.....	559,827	1,522,919	510,044
World total.....	403,320	511,163	624,913	World total.....	4,660,580	4,226,090	3,100,394
Relief or charity <sup>2</sup> .....	1,207	216	519	Relief or charity <sup>2</sup> .....	4,047,904	2,619,921	1,761,929

<sup>1</sup> Transshipments through Canada have been included in data for countries of ultimate destination.<sup>2</sup> Included in world total by country of destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 47.—Corn: Price-support operations, United States, 1961-71

Year beginning October	Support price		Season average price per bushel received by farmers	Put under support <sup>1</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Sept. 30
	Per bushel <sup>1</sup>	Percentage of parity <sup>2</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	Million bushels	Percent	Million bushels	Million bushels
1961.....	1.20	74	1.10	659	18.3	619	867
1962.....	1.20	75	1.12	591	16.4	450	803
1963.....	1.25	79	1.11	395	9.8	18	828
1964.....	1.25	80	1.17	218	6.2	28	540
1965.....	1.25	80	1.16	215	5.3	11	249
1966.....	1.30	81	1.24	264	6.4	12	139
1967.....	1.35	83	1.03	497	10.4	164	182
1968.....	1.35	81	1.08	404	9.2	12	295
1969.....	1.35	78	1.16	398	8.7	2	255
1970.....	1.35	75	1.34	172	4.2	0	
1971.....	1.35	72					

<sup>1</sup> Support to cooperators; noncooperators not eligible for support.<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>3</sup> Represents loans made, purchases, and purchase agreements entered into.<sup>4</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from crop harvested in the year indicated and not acquisitions during that year.<sup>5</sup> Includes price-support payments of 18 cents in 1963, 15 cents in 1964, 20 cents in 1965, 30 cents in 1966 through 1970, and 32 cents in 1971 on a designated portion of the crop; proportions vary from year to year.<sup>6</sup> Through Dec. 31, 1970.<sup>7</sup> Preliminary.Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 48.

Table 48.—Corn: Average price per bushel, selected grades and markets, 1960-69

Year beginning October	No. 3 Yellow <sup>1</sup>				No. 2 Yellow <sup>2</sup>		No. 3 White, Kansas City <sup>1</sup>
	Chicago	Kansas City	Minne- apolis	Omaha	St. Louis	San Francisco	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960.....	1.10	1.05	0.99	1.01	1.14	1.48	1.23
1961.....	1.11	1.10	1.02	1.03	1.15	1.50	1.48
1962.....	1.19	1.20	1.11	1.13	1.26	<sup>3</sup> 1.54	1.22
1963.....	1.20	1.23	1.13	1.17	1.28	1.58	1.32
1964.....	1.26	1.30	1.20	1.26	1.34	1.61	1.55
1965.....	1.27	1.27	1.22	1.23	1.37	1.58	1.37
1966.....	1.36	1.37	1.20	1.30	1.41	1.60	1.49
1967.....	1.12	1.18	1.08	1.11	1.16	1.46	1.21
1968.....	1.17	1.17	1.14	1.17	1.23	1.55	1.63
1969 <sup>4</sup> .....	1.25	1.27	1.16	1.21	1.33	1.60	1.75

<sup>1</sup> Average of daily prices weighted by carlot sales, as reported in trade papers published at the various markets.<sup>2</sup> Average of bulk-of-sales price for a day each week, compiled by Grain Division, Consumer and Marketing Service.<sup>3</sup> Beginning 1962, prices are quoted at Stockton, California.<sup>4</sup> Preliminary.Economic Research Service. • Data for 1944-59 in *Agricultural Statistics, 1967*, table 49.

Table 49.—Oats: Acreage, yield, production, value, and foreign trade, United States, 1954-70

Year	Acreage seeded <sup>1</sup>	Acreage har- vested for grain	Yield per har- vested acre	Production	Season average price per bushel received by farmers <sup>2</sup>	Farm value	Average price per bushel at Chi- cago, year begin- ning July <sup>3</sup>	Foreign trade, in- cluding meal, year beginning July <sup>4</sup>	
								Do- mestic exports <sup>5</sup>	Imports for con- sump- tion <sup>6</sup>
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Cents	1,000 dollars	Cents	1,000 bushels	1,000 bushels
1954 <sup>7</sup> .....	<i>37,921</i>	<i>37,921</i>	<i>34.7</i>	<i>1,314,148</i>					
1954.....	46,898	40,551	34.8	1,409,601	71.4	1,062,206	79	15,427	20,024
1955.....	47,494	39,027	38.3	1,493,978	60.0	889,985	65	29,084	3,088
1956.....	44,205	33,333	34.5	1,151,398	68.6	792,080	78	27,293	16,799
1957.....	41,840	34,065	37.9	1,289,880	60.5	783,121	69	28,019	24,532
1958.....	37,699	31,247	44.8	1,401,410	57.8	811,033	70	31,892	3,460
1959.....	<i>35,064</i>	<i>27,758</i>	<i>37.8</i>	<i>1,050,051</i>	<i>64.6</i>	<i>677,186</i>	<i>76</i>	<i>45,351</i>	<i>1,987</i>
1960.....	31,419	26,588	43.4	1,153,332	59.9	692,694	69	29,251	1,332
1961.....	32,314	23,886	42.3	1,010,314	64.2	649,553	71	21,075	1,145
1962.....	29,500	22,377	45.2	1,012,197	62.4	635,586	70	24,459	4,357
1963.....	28,054	21,308	45.3	965,510	62.2	608,219	66	5,711	3,965
1964.....	<i>18,836</i>	<i>18,836</i>	<i>44.7</i>	<i>838,597</i>	<i>63.1</i>	<i>540,875</i>	<i>72</i>	<i>4,750</i>	<i>3,806</i>
1964.....	25,684	19,759	43.1	852,257	62.2	585,453	75	36,975	3,457
1965.....	24,010	18,479	50.2	926,851	66.5	538,421	77	18,851	3,844
1966.....	23,301	17,861	44.9	801,327	65.9	525,257	76	10,068	3,205
1967.....	20,646	16,017	49.3	789,196	59.8	569,114	64	8,149	2,089
1968.....	23,166	17,533	53.6	939,228	58.6	564,629	62	5,252	1,820
1969.....	23,532	17,930	53.0	950,023					
1970 <sup>8</sup> .....	24,492	18,580	48.9	909,481	62.5	577,130			

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of oats sown for all purposes, including oats sown in the preceding fall.<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.<sup>3</sup> Compiled from reports of the Chicago Board of Trade; average of daily quotations for No. 2 white, weighted by carlot sales.<sup>4</sup> Compiled from reports of the Department of Commerce. Oatmeal converted to grain equivalent on the basis of a bushel of grain to 13.17 pounds of meal.<sup>5</sup> Includes shipments under the Army Civilian Supply Program.<sup>6</sup> Includes "oats, unhulled, ground."<sup>7</sup> Excludes some minor producing States and parts of other States where oats were not asked separately.<sup>8</sup> Preliminary.Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1866-1953 in *Agricultural Statistics, 1967*, table 50.



Table 50.—Oats: Acreage, production, and season average price per bushel received by farmers, by States, 1968-70

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Cents	Cents	Cents
Maine.....	39	41	47	32	34	33	1,664	1,564	1,485	74	66	70
Vermont.....	24	18	18	7	6	6	294	240	246	95	90	100
New York.....	461	410	398	420	365	358	24,780	20,440	22,554	70	74	82
New Jersey.....	16	16	12	11	10	8	517	400	400	77	77	86
Pennsylvania.....	503	488	464	477	444	435	26,712	22,644	24,795	71	73	76
North Atlantic.....	1,043	973	939	947	859	840	53,967	45,288	49,480	-----	-----	-----
Ohio.....	762	671	597	683	560	515	45,078	32,480	29,870	58	61	68
Indiana.....	475	413	355	359	320	291	22,617	18,880	15,423	62	59	65
Illinois.....	1,115	1,126	935	756	703	612	49,896	42,883	34,272	60	58	63
Michigan.....	589	471	495	559	458	467	32,981	26,106	27,086	57	59	68
Wisconsin.....	1,838	1,764	1,764	1,739	1,687	1,687	106,079	102,907	104,594	65	64	71
Minnesota.....	3,555	3,545	3,510	3,289	3,388	3,354	197,340	189,728	167,700	56	56	61
Iowa.....	3,017	2,866	2,751	1,804	1,840	1,711	106,436	93,940	92,394	63	59	62
Missouri.....	351	260	312	243	170	224	10,935	6,290	9,184	70	70	74
North Dakota.....	2,254	2,682	2,897	2,110	2,511	2,687	103,390	143,127	115,541	51	52	53
South Dakota.....	2,380	2,657	2,816	2,357	2,357	2,569	106,065	109,601	105,329	56	55	57
Nebraska.....	632	695	702	464	561	578	12,760	24,404	24,276	67	62	63
Kansas.....	222	200	290	180	160	250	6,840	6,080	10,250	73	71	71
North Central.....	17,490	17,350	17,424	14,543	14,715	14,945	800,417	796,326	735,919	-----	-----	-----
Delaware.....	3	4	4	2	3	3	80	159	150	70	72	77
Maryland.....	35	33	30	31	28	26	1,674	1,540	1,456	70	72	75
Virginia.....	108	104	100	55	49	51	2,640	2,352	2,448	75	70	75
West Virginia.....	30	23	18	16	12	11	704	504	473	79	83	94
North Carolina.....	265	251	236	131	120	124	6,419	6,120	6,448	71	70	72
South Carolina.....	152	152	154	81	83	83	3,200	3,901	3,154	76	76	77
Georgia.....	200	200	184	90	94	88	3,780	4,888	4,048	79	79	77
Florida.....	26	27	29	11	11	12	440	495	564	82	80	65
South Atlantic.....	829	774	765	417	400	398	18,937	19,959	18,741	-----	-----	-----
Kentucky.....	58	55	45	22	19	18	880	836	846	74	73	76
Tennessee.....	148	148	141	43	43	40	1,763	1,862	1,800	82	84	78
Alabama.....	116	116	110	28	29	28	980	1,102	1,064	80	80	79
Mississippi.....	130	100	130	53	50	60	3,025	2,500	3,360	73	69	69
Arkansas.....	91	117	152	68	68	88	4,080	4,556	5,632	76	71	69
Louisiana.....	75	62	66	30	28	39	1,140	1,120	1,872	75	76	71
Oklahoma.....	241	287	356	132	158	185	4,488	6,478	7,400	74	68	66
Texas.....	1,628	1,937	2,383	583	670	764	19,822	25,460	29,032	74	68	69
South Central.....	2,487	2,822	3,383	961	1,065	1,222	36,178	43,944	51,006	-----	-----	-----
Montana.....	293	460	644	182	291	428	7,280	14,550	17,976	61	53	51
Idaho.....	85	120	128	74	100	105	3,848	5,500	5,775	68	65	65
Wyoming.....	112	134	135	77	94	95	3,465	3,478	4,560	64	67	64
Colorado.....	135	171	200	71	93	120	2,627	3,906	5,040	75	70	70
Utah.....	34	31	29	21	22	20	1,092	1,210	1,160	79	78	76
Nevada.....	10	10	10	2	3	4	80	144	156	85	83	83
Washington.....	80	120	240	50	80	196	2,300	4,640	9,212	76	66	64
Oregon.....	163	170	188	103	113	106	4,532	6,328	5,406	75	70	70
California.....	405	397	457	85	95	101	4,505	4,750	5,050	82	81	77
Western.....	1,317	1,613	1,981	665	891	1,175	28,729	44,506	54,335	-----	-----	-----
United States.....	23,166	23,532	24,492	17,533	17,930	18,580	936,228	905,023	909,481	59.8	58.6	62.5

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of oats sown for all purposes, including oats sown in the preceding fall.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 51.—Oats: Area, yield per hectare, and production in specified countries, average 1960-64, annual 1969 and 1970<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>
North America:	1,000 hectares <sup>4</sup>	1,000 hectares <sup>4</sup>	1,000 hectares <sup>4</sup>	Quintals <sup>4</sup>	Quintals <sup>4</sup>	Quintals <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
Canada.....	3,727	3,098	2,893	15.3	18.5	19.6	6,070	5,728	5,673
Mexico.....	47	35	35	5.4	5.7	5.7	25	20	20
United States.....	9,221	7,286	7,519	15.7	18.9	17.6	14,496	13,787	13,201
Total.....	12,995	10,419	10,447	15.9	18.7	18.1	20,600	19,535	18,894
South America:									
Argentina.....	608	327	276	12.3	13.0	13.5	748	425	372
Chile.....	111	73	83	11.3	15.2	14.5	125	111	120
Uruguay.....	83	75	75	7.9	8.0	8.0	65	60	60
Total.....	803	475	434	11.7	12.5	12.7	940	596	552
Europe:									
Belgium.....	125	84	72	33.6	33.7	30.0	418	283	216
France.....	1,321	851	799	19.9	27.1	25.9	2,620	2,309	2,070
Germany, West.....	762	860	825	29.0	34.6	30.1	2,211	2,976	2,484
Italy.....	406	312	303	12.9	15.7	16.0	525	491	486
Luxembourg.....	16	15	14	23.4	34.7	35.7	37	52	50
Netherlands.....	114	82	76	37.2	41.0	37.0	425	336	281
Total EEC.....	2,744	2,204	2,089	22.7	29.3	26.7	6,236	6,447	5,587
Austria.....	152	102	102	22.1	28.2	26.7	336	288	272
Denmark.....	191	205	184	36.3	37.3	34.3	693	765	631
Finland.....	467	524	524	18.1	21.9	24.0	846	1,146	1,258
Greece.....	126	96	77	11.9	12.4	14.3	150	119	110
Ireland.....	142	77	69	25.7	31.7	30.4	366	244	210
Norway.....	55	54	68	25.3	28.9	30.7	139	140	205
Portugal.....	279	207	220	2.8	3.8	3.4	79	79	75
Spain.....	545	498	472	8.4	10.7	8.7	459	533	409
Sweden.....	502	479	489	25.4	23.6	33.6	1,272	1,129	1,641
Switzerland.....	13	10	11	32.2	36.0	30.0	43	36	33
United Kingdom.....	619	382	382	27.5	34.5	34.0	1,705	1,319	1,299
Total Western Europe.....	5,836	4,838	4,687	21.1	25.3	25.0	12,325	12,245	11,734
Bulgaria.....	151	76	75	10.9	10.3	13.1	164	78	98
Czechoslovakia.....	444	400	410	19.6	24.2	22.9	870	969	940
Germany, East.....	338	272	260	26.7	30.9	28.8	900	841	750
Hungary.....	99	48	44	12.5	16.7	13.2	124	80	58
Poland.....	1,014	1,367	1,540	16.7	22.4	20.8	2,700	3,063	3,200
Romania.....	181	131	125	10.3	10.5	10.0	186	137	125
Yugoslavia.....	324	273	283	10.8	11.3	10.9	350	308	309
Total Eastern Europe.....	3,153	2,567	2,737	16.8	21.3	20.0	5,295	5,476	5,480
Total Europe.....	8,988	7,405	7,424	19.6	23.9	23.2	17,620	17,721	17,214
U.S.S.R. (Europe and Asia) <sup>5</sup> .....	8,519	9,300	8,500	7.7	11.5	12.4	6,560	10,700	10,500
Africa:									
Morocco.....	23	21	22	7.2	7.6	10.0	17	16	22
South Africa, Republic of.....	206	350	325	5.6	3.1	3.9	115	110	127
Total <sup>6</sup> .....	287	403	379	5.7	3.5	4.5	165	141	169
Asia:									
Japan.....	78	34	27	19.5	19.7	22.6	151	67	61
Turkey.....	412	375	370	11.2	12.5	11.6	463	468	430
Total <sup>6</sup> .....	1,963	1,744	1,747	7.6	7.7	8.0	1,500	1,335	1,391
Oceania:									
Australia.....	1,369	1,781	2,023	9.0	9.4	8.5	1,228	1,678	1,724
New Zealand.....	13	20	17	30.8	27.6	33.1	41	55	56
Total.....	1,382	1,801	2,041	9.2	9.6	8.7	1,269	1,733	1,780
World total <sup>6</sup> .....	34,938	31,546	30,972	13.9	16.4	16.3	48,650	51,761	50,500

See footnotes on page 39.

Table 52.—Oats: Supply and disappearance, United States, 1960-70

Year beginning July	Supply						
	Carryover stocks, July 1				Produce- tion	Imports <sup>2</sup>	Total supply
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corpora- tion <sup>1</sup>	Total			
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1960.....	227	39	1	267	1,153	1	1,421
1961.....	268	55	1	324	1,010	1	1,335
1962.....	228	46	2	276	1,012	4	1,292
1963.....	230	40	3	273	966	4	1,243
1964.....	249	58	5	312	852	4	1,168
1965.....	214	56	7	277	927	3	1,207
1966.....	241	66	9	316	801	4	1,121
1967.....	199	64	7	270	789	3	1,062
1968.....	206	60	7	273	939	2	1,214
1969 <sup>3</sup> .....	275	93	7	375	950	2	1,327
1970 <sup>4</sup> .....	345	137	8	490	909	2	1,401

  

Year beginning July	Disappearance							
	Breakfast foods <sup>4</sup>		Seed	Live- stock feed <sup>5</sup>	Domestic disap- pearance	Exports <sup>2</sup>		
	Domestic use	Total				Grain	Oat products	Total
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1960.....	43	45	82	943	1,068	27	2	29
1961.....	44	46	75	919	1,038	19	2	21
1962.....	46	47	71	878	995	23	1	24
1963.....	45	46	65	815	925	5	1	6
1964.....	45	46	61	780	886	4	1	5
1965.....	45	46	60	749	854	36	1	37
1966.....	43	46	53	735	831	17	3	20
1967.....	44	48	60	675	779	6	4	10
1968.....	46	50	60	726	831	4	4	8
1969.....	46	50	62	724	832	1	4	5

<sup>1</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Additional CCC stocks are included in other off-farm positions.

<sup>2</sup> Includes grain and grain equivalent of oat products. Compiled from reports of the Bureau of the Census.

<sup>3</sup> Preliminary. Rough allowance for 1970-71 imports.

<sup>4</sup> Used in production of oatmeal and other cereal preparations. Based on the reports of the Bureau of the Census.

<sup>5</sup> Residual; includes other minor uses and waste.

Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 56.

Table 53.—Oats: Production and farm disposition, United States, 1961-70

Crop of—	Production	Farm disposition		Crop of—	Production	Farm disposition	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
1961.....	1,010,314	729,629	280,685	1966.....	801,327	525,833	275,494
1962.....	1,012,197	720,484	291,713	1967.....	789,196	523,440	265,756
1963.....	965,510	656,936	308,574	1968.....	939,228	586,071	353,157
1964.....	852,257	570,425	281,832	1969.....	950,023	578,000	372,023
1965.....	926,851	612,966	313,885	1970 <sup>1</sup> .....	909,481	557,566	351,915

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1944-60 in *Agricultural Statistics, 1967*, table 53.

Table 54.—Oats: Production and farm disposition, by States, crop of 1970 (preliminary)

State	Production	Farm disposition		State	Production	Farm disposition	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
Maine.....	1,485	594	891	South Carolina.....	3,154	1,514	1,640
Vermont.....	246	192	54	Georgia.....	4,048	2,186	1,862
New York.....	22,554	15,562	6,992	Florida.....	564	378	186
New Jersey.....	400	304	96	Kentucky.....	846	643	203
Pennsylvania.....	34,795	19,092	5,703	Tennessee.....	1,800	1,242	558
Ohio.....	29,870	18,221	11,648	Alabama.....	1,064	819	245
Indiana.....	15,423	8,637	6,786	Mississippi.....	3,360	1,378	1,982
Illinois.....	34,272	20,220	14,052	Arkansas.....	5,632	1,239	4,393
Michigan.....	27,086	14,897	12,189	Louisiana.....	1,872	1,292	580
Wisconsin.....	104,594	86,813	17,781	Oklahoma.....	7,400	4,884	2,516
Minnesota.....	167,700	88,881	78,819	Texas.....	29,032	17,419	11,613
Iowa.....	92,394	64,676	27,718	Montana.....	17,976	11,145	6,831
Missouri.....	9,184	7,531	1,653	Idaho.....	5,775	2,194	3,581
North Dakota.....	115,541	57,770	57,771	Wyoming.....	4,580	2,918	1,662
South Dakota.....	105,329	64,251	41,078	Colorado.....	5,040	2,923	2,117
Nebraska.....	24,276	17,721	6,555	Utah.....	1,160	870	290
Kansas.....	10,250	7,585	2,665	Nevada.....	156	119	37
Delaware.....	150	135	15	Washington.....	9,212	1,382	7,830
Maryland.....	1,456	1,223	233	Oregon.....	5,406	1,568	3,838
Virginia.....	2,448	1,909	539	California.....	5,050	808	4,242
West Virginia.....	473	433	40				
North Carolina.....	6,448	3,998	2,450	United States.....	909,481	557,566	351,915

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

## FOOTNOTES FOR TABLE 51

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1970 is combined with estimates for the Southern Hemisphere harvest, which begins late in 1970 and ends early in 1971. <sup>2</sup> Harvested area as far as possible. <sup>3</sup> Preliminary.

<sup>4</sup> A hectare is equivalent to 2.471 acres. A quintal of oats is equivalent to 6.89 bushels and a metric ton of oats is equivalent to 68.8944 bushels. <sup>5</sup> Production estimated. <sup>6</sup> Estimated totals include allowances for any missing data for countries shown and for other producing countries not shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés, and Foreign Service Officers, results of office research and related information.

Table 55.—Oats and oatmeal: United States exports (domestic) by country of destination, average 1960-64, annual 1968 and 1969

Country of destination	Year beginning July			Country of destination	Year beginning July		
	Average 1960-64	1968	1969		Average 1960-64	1968	1969
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 pounds	1,000 pounds	1,000 pounds
<b>Oats:</b>				<b>Oatmeal:</b>			
Mexico.....	53	53	837	Mexico.....	8,382	2,336	2,885
Belgium and Luxembourg.....				Central America.....	6,124	8,336	10,691
Germany, West.....	2,744	414	67	Colombia.....	2,646	3,662	1,983
Italy.....	1,091			Ecuador.....	148	92	4,028
Netherlands.....	7,854	2,333		Venezuela.....	7,549	8,193	6,303
Switzerland.....	791	509	84	Other Americas.....	1,129	17,119	15,207
Other countries.....	1,983	479	507	United Kingdom.....			
World total <sup>1</sup> .....	15,464	3,788	1,495	Vietnam, South.....	56	24,721	18,533
				Other countries.....	3,645	16,282	9,938
				World total.....	29,679	80,771	69,568

<sup>1</sup> Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 56.—Oats: Price-support operations, United States, 1961-71

Year beginning July	Support price		Season average price per bushel received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	Million bushels	Percent	Million bushels	Million bushels
1961.....	0.62	74	0.642	20.6	2.0	8.4	16.7
1962.....	.62	74	.624	32.0	3.2	19.0	18.6
1963.....	.65	77	.622	38.9	4.0	31.9	33.2
1964.....	.65	77	.631	43.1	5.1	25.1	42.2
1965.....	.60	70	.622	44.3	4.8	40.6	50.6
1966.....	.60	69	.665	22.8	2.8	4.3	47.2
1967.....	.63	72	.659	36.9	4.7	4.3	45.2
1968.....	.63	71	.599	94.8	10.1	34.1	64.3
1969.....	.63	67	.586	162.6	17.1	57.8	118.9
1970.....	.63	66	.625	86.9	9.6	4.0	
1971.....	.64	54					

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>3</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Through Dec. 31, 1970.

<sup>5</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 58.

Table 57.—Oats: Stocks on and off farms, United States, 1961-70

Year beginning October	On farms				Off farms <sup>2</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1961.....	868,326	693,432	431,208	228,401	113,169	80,132	62,968	47,878
1962.....	853,700	688,926	424,174	230,201	109,399	77,099	61,523	42,535
1963.....	820,559	677,563	489,798	249,038	112,871	85,382	71,726	63,328
1964.....	728,806	604,466	389,332	213,738	120,316	87,774	71,080	62,770
1965.....	780,118	659,865	448,355	240,746	138,613	102,605	87,258	75,460
1966.....	677,685	556,765	354,567	198,940	156,280	105,110	87,895	71,346
1967.....	646,183	548,803	361,671	206,173	135,670	104,378	83,534	66,511
1968.....	782,012	660,692	442,820	275,218	154,655	123,227	109,377	90,949
1969.....	830,755	724,299	529,357	344,679	193,728	160,986	144,644	145,812
1970 <sup>3</sup> .....	851,782	703,782	-----	-----	246,000	210,136	-----	-----

<sup>1</sup> Old crop only.<sup>2</sup> Stocks at mills, elevators, warehouses, commercial stocks at terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 55.

Table 58.—Barley: Acreage, yield, production, value, and foreign trade, United States, 1954-70

Year	Acreage seeded <sup>1</sup>	Acreage harvested for grain	Yield per harvested acre	Production	Season average price per bushel received by farmers <sup>2</sup>	Farm value	Price per bushel at Minneapolis, year beginning August <sup>3</sup>	Foreign trade including barley, flour, and malt, year beginning July <sup>4</sup>	
								Domestic exports <sup>5</sup>	Imports for consumption
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels
1954 <sup>6</sup> .....	14,560	14,560	28.3	351,716	1.09	408,628	1.32	43,463	24,109
1954.....	14,740	13,370	28.4	379,254	.920	369,752	1.15	102,890	28,275
1955.....	16,293	14,523	27.8	403,065	.960	370,508	1.20	61,842	26,542
1956.....	14,732	12,852	29.3	376,661	.887	389,461	1.17	91,582	24,387
1957.....	16,398	14,872	29.8	442,761	.900	426,902	1.15	116,685	14,311
1958.....	16,150	14,791	32.3	477,368	.980	357,584	1.09	118,200	17,880
1959.....	14,189	14,869	28.3	420,203	.840	355,245	1.07	85,702	15,252
1959.....	16,766	13,866	31.0	429,005	.979	376,112	1.33	84,409	19,543
1960.....	15,537	12,806	30.6	392,441	.915	385,671	1.11	67,500	5,404
1961.....	15,623	12,214	35.0	427,725	.897	350,020	1.09	70,650	12,475
1962.....	14,380	11,236	35.0	392,533	.947	362,098	1.20	60,662	11,954
1963.....	13,452	9,806	36.9	397,198	1.02	395,389	1.32	77,029	7,573
1964.....	11,652	10,277	37.6	386,050	1.05	408,394	1.33	45,241	7,382
1965.....	10,099	9,144	42.9	392,279	1.00	368,511	1.23	31,288	8,305
1966.....	11,134	10,205	38.5	393,196	.911	362,294	1.16	13,181	9,967
1967.....	10,002	9,177	40.6	372,898	.874	368,514	1.08	17,016	13,015
1968.....	10,477	9,709	43.6	422,939	.920	374,461	-----	-----	-----
1969.....	10,311	9,581	44.4	425,547	-----	-----	-----	-----	-----
1970 <sup>7</sup> .....	10,435	9,642	42.6	410,445	-----	-----	-----	-----	-----

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of barley sown for all purposes, including barley sown in the preceding fall.<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.<sup>3</sup> Price of No. 3 barley; average of daily prices weighted by carlot sales, as reported in the Minneapolis Daily Market Record.<sup>4</sup> Compiled from reports of the U.S. Department of Commerce. Barley flour converted to grain equivalent on the basis of 22.032 pounds of flour to 1 bushel of grain. Barley malt converted to grain equivalent on the basis of 1 bushel of grain to 1 bushel of malt.<sup>5</sup> Includes shipments under the Army Civilian Supply Program.<sup>6</sup> Excludes some minor producing States and parts of other States where barley was not asked separately.<sup>7</sup> Preliminary.Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1866-1953 in *Agricultural Statistics, 1967*, table 59.



Table 59.—Barley: Acreage, production, and season average price per bushel received by farmers, by States, 1968-70

State and division	Acreage seeded <sup>1</sup>			Acreage harvested			Production			Price <sup>3</sup> for crop of—		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
New York.....	17	14	11	16	13	10	816	624	510	0.87	0.85	0.92
New Jersey.....	42	42	41	22	20	21	1,078	1,100	1,050	.90	.92	1.00
Pennsylvania.....	190	200	194	185	191	185	9,805	9,741	9,250	.84	.90	.93
<b>North Atlantic</b> .....	<b>249</b>	<b>256</b>	<b>246</b>	<b>223</b>	<b>224</b>	<b>216</b>	<b>11,699</b>	<b>11,465</b>	<b>10,810</b>			
Ohio.....	22	24	21	19	20	17	912	920	850	.84	.86	.92
Indiana.....	11	11	11	10	10	10	410	380	430	.83	.84	.89
Illinois.....	25	16	14	23	15	13	1,012	600	533	.86	.80	.88
Michigan.....	29	25	25	27	23	23	1,269	1,081	1,127	.79	.78	.79
Wisconsin.....	60	36	34	59	35	33	3,304	1,925	1,683	.87	.83	.89
Minnesota.....	1,011	698	607	979	685	582	46,013	31,510	21,534	.87	.80	.91
Iowa.....	6	4	5	6	4	5	294	176	200	.85	.86	.87
Missouri.....	28	26	26	25	22	22	1,000	770	836	.94	.88	.93
North Dakota.....	2,698	2,265	2,039	2,626	2,206	1,963	106,353	94,858	68,705	.81	.73	.84
South Dakota.....	307	370	389	491	344	366	19,149	12,040	12,144	.85	.79	.83
Nebraska.....	41	59	66	35	45	58	1,155	1,530	2,088	.88	.88	.88
Kansas.....	125	200	220	100	165	193	3,700	6,105	7,141	.91	.82	.81
<b>North Central</b> .....	<b>4,561</b>	<b>3,734</b>	<b>3,457</b>	<b>4,400</b>	<b>3,574</b>	<b>3,287</b>	<b>184,571</b>	<b>151,895</b>	<b>117,271</b>			
Delaware.....	26	29	30	20	20	21	840	960	882	.79	.85	.81
Maryland.....	112	116	113	97	99	97	4,365	4,782	4,268	.81	.84	.84
Virginia.....	140	134	131	121	117	116	5,566	5,850	5,916	.80	.91	.92
West Virginia.....	12	10	12	10	9	11	360	296	484	.89	.83	.91
North Carolina.....	74	63	70	65	55	63	3,185	2,750	3,276	.90	.92	.98
South Carolina.....	23	23	24	20	19	21	720	855	882	.92	.96	.97
Georgia.....	7	6	9	6	5	8	228	230	376	.97	.96	.96
<b>South Atlantic</b> .....	<b>394</b>	<b>381</b>	<b>389</b>	<b>339</b>	<b>324</b>	<b>337</b>	<b>15,284</b>	<b>15,703</b>	<b>16,084</b>			
Kentucky.....	47	52	54	37	41	43	1,517	2,050	2,322	.93	.85	.86
Tennessee.....	22	25	24	17	17	18	827	612	720	1.04	.96	.87
Arkansas.....	4	4	2	2	2	1	54	62	32	1.04	.89	1.00
Oklahoma.....	301	479	565	269	422	490	9,684	14,770	18,130	.86	.82	.84
Texas.....	192	146	197	124	94	132	3,348	3,290	4,224	.89	.86	.88
<b>South Central</b> .....	<b>565</b>	<b>706</b>	<b>842</b>	<b>449</b>	<b>576</b>	<b>684</b>	<b>15,130</b>	<b>20,784</b>	<b>25,428</b>			
Montana.....	1,200	1,680	1,800	1,155	1,617	1,714	42,735	67,914	65,132	.78	.71	.73
Idaho.....	537	596	673	508	584	690	24,384	30,368	36,300	.89	.92	.91
Wyoming.....	118	132	140	108	116	126	5,076	5,916	5,922	.90	.97	.89
Colorado.....	293	340	340	251	289	321	10,918	11,994	14,608	.93	.94	.94
New Mexico.....	27	26	29	16	14	16	976	812	960	.97	1.06	1.05
Arizona.....	200	166	163	176	144	140	12,848	10,224	10,640	1.10	1.23	1.20
Utah.....	136	135	136	129	128	129	6,966	6,912	7,353	1.01	1.06	1.04
Nevada.....	18	20	16	15	19	16	900	1,102	930	1.13	1.22	1.14
Washington.....	273	393	436	255	370	414	10,710	17,020	19,458	.97	.88	.96
Oregon.....	336	444	440	279	399	395	10,462	17,187	17,775	1.01	.94	.99
California.....	1,669	1,302	1,328	1,406	1,153	1,188	70,300	54,191	61,776	1.11	1.21	1.13
<b>Western</b> .....	<b>4,707</b>	<b>5,234</b>	<b>5,501</b>	<b>4,298</b>	<b>4,833</b>	<b>5,118</b>	<b>196,375</b>	<b>223,610</b>	<b>240,852</b>			
<b>United States:</b>	<b>10,477</b>	<b>10,311</b>	<b>10,435</b>	<b>9,709</b>	<b>9,531</b>	<b>9,642</b>	<b>422,959</b>	<b>423,547</b>	<b>410,445</b>	<b>.911</b>	<b>.874</b>	<b>.920</b>

<sup>1</sup> Estimates of seeded acreage relate to the total acreage of barley sown for all purposes, including barley sown in the preceding fall.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 60.—Barley: Area, yield per hectare, and production in specified countries, average 1960-64, annual 1969 and 1970<sup>1</sup>

Continent and country	Area <sup>2</sup>			Yield per hectare			Production		
	Average 1960-64	1969	1970 <sup>1</sup>	Average 1960-64	1969	1970 <sup>1</sup>	Average 1960-64	1969	1970 <sup>1</sup>
	1,000 hec- tares <sup>4</sup>	1,000 hec- tares <sup>4</sup>	1,000 hec- tares <sup>4</sup>	Quin- tals <sup>4</sup>	Quin- tals <sup>4</sup>	Quin- tals <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
North America:									
Canada.....	2,374	3,859	4,064	15.8	21.3	22.3	3,752	8,238	9,051
Mexico.....	231	220	315	7.3	8.6	7.9	169	190	250
United States.....	4,888	3,799	3,902	18.2	23.9	22.9	8,831	9,082	8,936
Total.....	7,495	7,878	8,281	17.0	22.2	22.0	12,752	17,510	18,237
South America:									
Argentina.....	614	458	324	12.3	12.4	12.3	753	570	400
Chile.....	68	47	47	17.9	20.6	20.2	122	97	95
Colombia.....	68	57	61	16.0	14.0	16.4	109	80	100
Ecuador.....	107	110	105	8.0	9.1	10.5	86	100	110
Peru.....	182	180	185	10.2	9.4	9.5	186	170	175
Uruguay.....	49	39	40	7.0	10.5	11.0	34	41	44
Total.....	1,089	891	762	12.1	11.9	12.1	1,295	1,058	924
Europe:									
Belgium.....	123	170	155	37.1	35.9	37.0	458	610	573
France.....	2,285	2,859	2,929	27.4	33.1	27.3	6,261	9,452	8,009
Germany, West.....	1,107	1,386	1,475	31.0	37.0	32.2	3,433	5,130	4,754
Italy.....	209	175	180	12.7	16.7	17.5	266	292	315
Luxembourg.....	8	18	16	24.9	36.1	30.6	20	65	49
Netherlands.....	92	99	105	40.7	39.3	31.8	374	389	334
Austria.....	209	274	290	27.5	34.1	31.5	576	935	913
Denmark.....	855	1,305	1,350	37.9	40.3	35.7	3,241	5,255	4,813
Finland.....	227	402	404	17.1	20.9	21.8	387	842	779
Greece.....	185	311	343	13.5	17.0	22.7	248	529	779
Ireland.....	160	198	219	31.3	31.7	34.2	502	734	750
Norway.....	165	185	184	25.7	26.3	31.0	423	486	570
Portugal.....	128	119	134	4.6	4.5	4.0	58	54	33
Spain.....	1,431	2,164	2,157	13.2	17.8	14.4	1,893	3,855	3,100
Sweden.....	378	593	586	27.8	26.6	31.9	1,049	1,575	1,869
Switzerland.....	30	37	41	32.4	35.7	34.1	99	132	140
United Kingdom.....	1,694	2,413	2,243	34.8	35.9	35.6	5,891	8,663	7,994
Bulgaria.....	321	414	460	37.2	22.2	22.0	643	918	1,012
Czechoslovakia.....	695	778	800	23.4	32.1	28.8	1,625	2,499	2,300
Germany, East.....	416	642	640	29.2	32.2	30.5	1,214	2,067	1,950
Hungary.....	517	381	283	18.6	23.8	19.6	960	907	556
Poland.....	710	759	830	18.9	28.7	23.4	1,342	1,948	1,940
Romania.....	244	300	320	16.3	15.1	18.0	398	544	576
Yugoslavia.....	361	299	282	14.6	15.4	14.3	527	459	402
Total Europe.....	12,546	16,281	16,426	25.4	29.7	27.2	31,890	48,340	44,632
U.S.S.R. (Europe and Asia) <sup>3</sup> .....	16,800	22,484	21,500	9.6	11.9	13.7	16,177	26,800	29,500
Africa:									
Algeria.....	912	607	688	6.2	8.2	5.1	569	500	350
Morocco.....	1,722	1,669	1,700	6.4	7.8	8.7	1,104	1,309	1,477
South Africa, Rep. of.....	34	50	40	10.6	4.0	6.8	138	20	27
Tunisia.....	530	345	410	2.6	2.3	4.6	142	80	190
United Arab Republic.....	54	45	.....	26.4	22.2	.....	36	100	.....
Total <sup>4</sup> .....	4,213	3,766	3,883	6.6	7.6	7.7	2,765	2,859	2,994
Asia:									
Cyprus.....	65	83	55	10.3	12.7	9.1	67	105	50
India.....	3,142	2,758	2,765	8.4	8.8	9.8	2,630	2,424	2,716
Iran.....	1,416	1,600	1,700	6.7	7.5	7.1	950	1,200	1,200
Iraq.....	1,048	1,093	1,050	8.1	6.7	6.7	851	730	700
Israel.....	67	25	17	9.7	8.4	7.6	65	21	13
Japan.....	637	283	225	25.0	28.7	25.5	1,593	812	573
Korea, Republic of.....	850	949	911	15.7	21.8	21.7	1,332	2,096	1,974
Pakistan.....	219	190	195	6.2	6.6	6.6	136	126	128
Syria.....	782	546	406	7.2	6.4	5.8	542	325	325
Turkey.....	2,758	2,735	2,740	12.0	13.5	12.8	3,310	3,700	3,500
Total <sup>4</sup> .....	18,653	16,752	16,631	10.0	11.0	10.9	18,660	18,352	18,061
Oceania:									
Australia.....	916	1,578	2,226	12.0	11.3	10.7	1,097	1,789	2,381
New Zealand.....	33	53	69	29.5	31.2	33.5	96	185	231
Total.....	949	1,631	2,295	12.3	12.0	11.4	1,163	1,955	2,613
World total <sup>4</sup> .....	61,745	69,633	69,777	13.7	16.8	16.8	84,650	116,874	116,961

See footnotes on page 45.

Table 61.—Barley: Supply and disappearance, United States, 1960-70

Year beginning July	Supply						
	Carryover stocks, July 1				Production	Imports <sup>2</sup>	Total supply
	Farm	Terminal market, interior mill, elevator, and ware- house	Com- modity Credit Corpora- tion <sup>1</sup>	Total			
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1960.....	56	98	13	167	429	15	611
1961.....	65	74	13	152	392	20	564
1962.....	48	68	7	123	425	5	556
1963.....	67	70	9	146	393	13	552
1964.....	59	60	13	132	386	12	530
1965.....	38	55	7	100	392	8	500
1966.....	46	54	5	105	393	7	505
1967.....	57	61	4	122	373	8	503
1968.....	72	62	4	138	423	10	571
1969.....	115	80	4	199	424	13	636
1970 <sup>3</sup> .....	137	95	5	237	410	12	659

Year beginning July	Disappearance								
	Domestic use as malt		Seed <sup>5</sup>	Live- stock feed <sup>6</sup>	Domestic disap- pearance	Exports			Total disap- pearance
	For alcohol and alcoholic bever- ages <sup>4</sup>	For food uses				Grain	Barley products	Total	
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	
1960.....	85	6	25	257	373	83	3	86	
1961.....	87	6	23	241	357	82	2	84	
1962.....	86	6	21	230	343	64	3	67	
1963.....	91	7	18	233	349	68	3	71	
1964.....	95	7	16	251	369	58	3	61	
1965.....	97	8	17	195	318	75	2	77	
1966.....	103	8	16	211	338	43	2	45	
1967.....	104	8	17	205	334	29	2	31	
1968.....	108	8	16	227	359	11	2	13	
1969.....	117	8	16	241	382	15	2	17	

<sup>1</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Additional CCC stocks are included in other off-farm positions.

<sup>2</sup> Compiled from reports of the Bureau of the Census.

<sup>3</sup> Preliminary. Rough allowance for 1970-71 imports.

<sup>4</sup> Compiled from reports of the Internal Revenue Service. Includes small quantities of barley grain.

<sup>5</sup> Based on acreage seeded to the following crop.

<sup>6</sup> Residual; includes other minor uses and waste.

Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 64.

Table 62.—Barley: Production and farm disposition, United States, 1961-70

Crop of—	Production	Farm disposition		Crop of—	Production	Farm disposition	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
1961.....	392,441	118,534	273,907	1966.....	393,186	103,503	289,683
1962.....	427,726	130,358	297,368	1967.....	372,898	103,591	269,307
1963.....	392,833	110,814	282,019	1968.....	422,959	108,866	314,093
1964.....	386,059	91,400	294,659	1969.....	423,547	114,019	309,528
1965.....	392,279	92,529	299,750	1970 <sup>1</sup> .....	410,445	112,797	297,648

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1944-60 in *Agricultural Statistics, 1967*, table 62.

Table 63.—Barley: Production and farm disposition, by States, crop of 1970 (preliminary)

State	Production	Farm disposition		State	Production	Farm disposition	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
New York.....	510	260	250	South Carolina.....	882	512	370
New Jersey.....	1,650	493	557	Georgia.....	376	241	135
Pennsylvania.....	9,250	6,752	2,498	Kentucky.....	2,322	1,277	1,045
Ohio.....	850	637	213	Tennessee.....	720	509	151
Indiana.....	430	335	95	Arkansas.....	32	16	16
Illinois.....	533	304	229	Oklahoma.....	18,130	5,620	12,510
Michigan.....	1,127	575	552	Texas.....	4,224	1,478	2,746
Wisconsin.....	1,683	505	1,178	Montana.....	65,132	15,632	49,500
Minnesota.....	21,534	3,876	17,658	Idaho.....	36,300	10,164	26,136
Iowa.....	200	140	60	Wyoming.....	5,922	3,139	2,783
Missouri.....	856	711	125	Colorado.....	14,666	3,213	11,393
North Dakota.....	68,705	17,176	51,529	New Mexico.....	960	365	595
South Dakota.....	12,144	5,951	6,193	Arizona.....	10,640	2,022	8,618
Nebraska.....	2,088	1,190	898	Utah.....	7,353	4,485	2,868
Kansas.....	7,141	2,928	4,213	Nevada.....	930	539	391
Delaware.....	882	344	538	Washington.....	19,458	1,946	17,512
Maryland.....	4,268	2,433	1,835	Oregon.....	17,775	3,555	14,220
Virginia.....	5,916	3,905	2,011	California.....	61,776	6,795	54,981
West Virginia.....	484	421	63				
North Carolina.....	3,276	2,293	983	United States.....	410,445	112,797	297,648

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

## FOOTNOTES FOR TABLE 60

<sup>1</sup> Years shown refer to years of harvest in the Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1970 is combined with preliminary forecasts for Southern Hemisphere harvests, which begin late in 1970 and end early in 1971.

<sup>2</sup> Harvested area as far as possible.

<sup>3</sup> Preliminary.

<sup>4</sup> A hectare is equivalent to 2.471 acres. A quintal of barley is equivalent to 4.59 bushels and a metric ton of barley is equivalent to 45.9296 bushels.

<sup>5</sup> Production estimated.

<sup>6</sup> Estimated totals include allowances for producing countries not shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 64.—Barley: Stocks on and off farms, United States, 1961-70

Year beginning October	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1961.....	242,080	179,788	98,269	47,695	191,361	154,293	117,754	75,700
1962.....	276,194	211,329	128,675	65,822	171,741	130,688	102,857	79,265
1963.....	257,340	195,061	126,942	58,527	163,426	130,418	101,794	73,043
1964.....	247,182	180,784	101,466	38,375	148,680	119,853	97,834	61,146
1965.....	245,804	184,514	99,174	46,132	145,530	116,298	93,961	58,631
1966.....	248,463	179,138	114,921	56,974	139,998	115,226	92,240	64,798
1967.....	232,580	184,640	129,092	71,524	148,900	118,539	89,266	66,144
1968.....	303,093	247,666	183,783	114,875	151,139	123,898	99,034	84,609
1969.....	314,135	264,586	198,512	136,699	100,794	162,151	133,599	100,306
1970 <sup>2</sup> .....	305,606	238,931	.....	.....	183,833	142,026	.....	.....

<sup>1</sup> Old crop only.<sup>2</sup> Stocks at mills, elevators, warehouses, commercial stocks at terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 65.

Table 65.—Barley and malt: United States exports (domestic) by country of destination, average 1960-64, annual 1968 and 1969

Country of destination	Year beginning July			Country of destination	Year beginning July		
	Average 1960-64	1968	1969		Average 1960-64	1968	1969
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
Barley:				Malt:			
Mexico.....	1,710	129	149	Canada.....	79	28	51
Belgium and Luxembourg.....	1,827	47	292	Mexico.....	148	136	128
Denmark.....	3,853	.....	.....	Costa Rica.....	48	20	30
Germany, West.....	14,912	1,121	697	Honduras.....	120	226	126
Italy.....	5,977	2,512	.....	Panama.....	80	8	11
Netherlands.....	7,955	.....	1,411	Dominican Republic.....	92	99	166
Poland.....	6,006	.....	.....	Jamaica.....	29	68	16
Spain.....	2,177	.....	.....	Colombia.....	77	.....	.....
United Kingdom.....	611	.....	240	Ecuador.....	14	1	1
Other Europe.....	8,105	676	8,485	Guyana.....	14	30	44
Israel.....	1,139	.....	.....	Peru.....	62	32	.....
Japan.....	4,631	312	278	Venezuela.....	1,348	1,186	966
Korea, Republic of.....	7,561	3,226	806	Other Americas.....	158	29	31
Tunisia.....	904	1,111	.....	Congo (Kinshasa).....	304	68	.....
Other countries.....	4,896	2,329	1,303	Japan.....	21	68	16
World total <sup>1</sup> .....	72,264	11,463	13,661	Other countries.....	28	7	64
				World total.....	2,622	2,026	1,650

<sup>1</sup> Transshipments through Canada have been included in data for countries of ultimate destination.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 66.—Barley: Average price per bushel for specified grades at selected markets, 1960-69

Year beginning August	Minneapolis <sup>1</sup>		Kansas City <sup>1</sup>	San Francisco <sup>1</sup>	Chicago <sup>1</sup>	Winnipeg <sup>1</sup>
	No. 3	No. 2 Malting	No. 3	Feed barley	Feed barley	No. 3 Western
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960.....	1.073	1.157	0.927	1.128	0.918	1.020
1961.....	1.330	1.411	1.092	1.130	1.114	1.293
1962.....	1.113	1.181	1.077	1.210	1.042	1.161
1963.....	1.091	1.178	1.042	1.247	.988	1.074
1964.....	1.196	1.268	1.062	1.231	1.016	1.170
1965.....	1.316	1.321	1.132	1.258	1.143	1.221
1966.....	1.328	1.348	1.146	1.345	1.171	1.251
1967.....	1.226	1.236	1.077	1.192	1.007	1.132
1968.....	1.157	1.153	.952	1.240	.779	.961
1969 <sup>2</sup> .....	1.085	1.155	.922	1.262	.980	.980

<sup>1</sup> Average of daily prices weighted by carlots sales.

<sup>2</sup> Average of daily prices.

<sup>3</sup> Beginning 1962, prices are quoted at Stockton, California.

<sup>4</sup> Average spot price in U.S. currency.

<sup>5</sup> Preliminary.

Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 67.

Table 67.—Barley: Price-support operations, United States, 1961-71

Year beginning July	Support price		Season average price per bushel received by farmers	Put under support <sup>1</sup>		Acquired by CCC under support program <sup>1</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	Million bushels	Percent	Million bushels	Million bushels
1961.....	0.93	75	0.970	44.2	11.3	14.0	34.1
1962.....	.93	74	.915	39.9	9.3	26.3	47.0
1963.....	.96	77	.897	28.2	7.2	3.6	27.9
1964.....	.96	78	.947	15.0	3.9	.3	16.5
1965.....	.96	77	1.02	16.6	4.2	.7	10.8
1966.....	1.00	78	1.05	16.5	4.2	1.1	5.9
1967.....	.90	68	1.00	48.1	12.9	6.8	5.9
1968.....	.90	67	.908	123.7	29.2	47.0	29.8
1969.....	1.03	73	.874	52.4	12.6	4.2	48.6
1970.....	1.03	70	.92	23.7	5.8		
1971.....	.81	63					

<sup>1</sup> Percentage of the parity prices as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchases, and purchase agreements entered into.

<sup>3</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Includes price-support payments of 14 cents in 1963, 12 cents in 1964, 16 cents in 1965, and 20 cents in 1966, 1969, and 1970. Barley was excluded from program in 1971.

<sup>5</sup> Through Dec. 31, 1970.

<sup>6</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 68.



## GRAINS, 1971

Table 68.—Grains and grain products: Total and per capita civilian consumption as food, United States, 1954-70<sup>1</sup>

Year	Wheat			Rye		Rice milled <sup>4</sup>		Corn					Oats		Barley	
	Total con- sumed <sup>2</sup>	Per capita consumption of food products		Total con- sumed <sup>1</sup>	Per capita consumption of rye flour	Total con- sumed <sup>2</sup>	Per capita consumption	Per capita consumption of food products					Total con- sumed <sup>1</sup>	Per capita consumption of oat food products	Total con- sumed <sup>1</sup>	Per capita consumption of barley food products <sup>3</sup>
		Flour <sup>3</sup>	Cereal					Meal	Cereal	Sirup	Sugar	Starch				
Million bushels	Pounds	Pounds	Million bushels	Pounds	Million bushels	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Million bushels	Pounds	Million bushels	Pounds	
1954	473	126	2.9	8.4	128	9.3	1.7	8.8	3.8	1.8	3.2	4	1.1	3.2	4	1.0
1955	472	123	2.9	8.3	132	8.7	1.7	9.0	3.7	2.0	3.3	4	1.0	3.3	4	1.0
1956	468	121	2.8	8.2	135	8.3	1.7	9.0	3.4	2.0	3.3	4	1.0	3.3	4	1.0
1957	470	119	2.8	8.0	135	7.9	1.7	8.9	3.2	1.9	3.4	4	1.0	3.4	4	1.0
1958	484	121	2.8	8.2	141	7.4	1.8	9.5	3.7	1.9	4.0	5	1.0	3.6	5	1.0
1959	486	120	2.8	8.1	147	7.0	1.8	9.8	3.9	1.9	4.1	5	1.0	3.6	5	1.0
1960	489	118	2.8	8.0	151	6.6	1.9	10.1	3.7	1.8	4.2	6	1.1	3.6	6	1.1
1961	496	118	2.8	7.9	152	6.3	2.0	10.6	3.7	1.8	4.3	6	1.1	3.7	6	1.1
1962	493	115	2.9	7.7	164	6.1	2.0	11.5	3.9	1.8	4.4	6	1.1	3.7	6	1.1
1963	493	113	2.9	7.4	180	5.9	2.1	12.3	4.5	1.8	4.5	7	1.1	3.7	7	1.1
1964	501	114	2.9	7.0	188	5.6	2.1	13.6	4.4	1.8	4.6	7	1.1	3.6	7	1.1
1965	502	113	2.9	6.6	194	6.5	2.2	13.6	4.5	1.8	4.4	7	1.1	3.4	7	1.1
1966	499	111	2.9	6.5	196	6.9	2.2	14.0	4.5	1.8	4.4	7	1.2	3.3	7	1.2
1967	507	112	2.9	6.4	202	7.2	2.3	14.0	4.6	1.8	4.3	8	1.2	3.2	8	1.2
1968	510	112	2.9	6.4	210	7.3	2.3	14.7	4.7	1.8	4.3	8	1.2	3.2	8	1.2
1969	513	112	2.9	6.4	214	7.4	2.3	15.2	4.8	1.8	4.4	8	1.2	3.2	8	1.2
1970 <sup>3</sup>	509	110	2.9	6.3	219	7.4	2.3	15.3	4.9	1.8	4.3	8	1.2	3.2	8	1.2

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.<sup>2</sup> Excludes quantities used in alcoholic beverages.<sup>3</sup> Includes white, whole wheat, and semolina flour.<sup>4</sup> Rice consumption for year beginning August previous to the year stated.<sup>5</sup> Corn used in food products, excluding alcoholic beverages. Includes an allowance for quantities consumed in other uses.<sup>6</sup> Oats used in oatmeal, prepared breakfast foods, infant foods, and minor food products.<sup>7</sup> Barley used in malt for human food and as pearl barley, excluding quantities used in alcoholic beverages.<sup>8</sup> Preliminary. Estimates of corn sirup, sugar, and starch are unofficial estimates; industry data were not reported after April 1968.<sup>9</sup> Economic Research Service. All figures are estimates based on data from private industry sources, the U.S. Department of Commerce, the Internal Revenue Service, and other Government agencies. Data for 1969-70 in *Agricultural Statistics, 1967*, table 99.

Table 69.—Estimated stocks in principal exporting countries, July 1, 1961-70

Country and year	Wheat	Rye	Barley	Oats	Corn	Total
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
United States:						
1961.....	38,410	361	3,318	4,709	71,741	118,539
1962.....	35,979	200	2,688	4,010	63,067	105,944
1963.....	32,529	176	3,181	3,960	54,099	93,945
1964.....	24,532	135	2,865	4,534	60,636	92,702
1965.....	22,240	326	2,167	4,014	48,094	76,841
1966.....	14,565	483	2,291	4,590	45,285	67,204
1967.....	11,567	475	2,651	3,923	44,772	62,388
1968.....	14,681	458	2,967	3,958	55,296	77,390
1969.....	20,280	406	4,343	5,446	52,537	83,012
1970 <sup>1</sup> .....	23,962	542	5,052	7,100	48,837	85,493
Canada:						
1961.....	17,554	229	2,830	2,236	( <sup>2</sup> )	22,849
1962.....	11,567	152	1,524	1,606	( <sup>2</sup> )	14,939
1963.....	14,142	127	2,286	2,776	( <sup>2</sup> )	19,341
1964.....	14,560	203	2,839	3,239	( <sup>2</sup> )	20,941
1965.....	14,884	224	2,138	2,440	232	19,538
1966.....	13,567	287	2,490	2,291	250	18,885
1967.....	17,076	245	3,390	2,158	275	23,144
1968.....	19,618	210	3,243	1,286	300	24,657
1969.....	24,320	245	4,820	2,385	213	31,983
1970 <sup>1</sup> .....	28,660	295	5,250	2,655	109	36,969
Argentina:						
1961.....	2,722	254	435	580	3,556	7,547
1962.....	1,905	284	327	290	3,583	6,459
1963.....	2,585	205	305	360	3,175	6,630
1964.....	4,763	254	435	435	4,064	9,951
1965.....	7,185	230	110	290	3,505	11,320
1966.....	2,900	130	140	210	5,200	8,580
1967.....	1,570	70	150	160	4,600	6,550
1968.....	3,960	70	210	210	4,560	9,040
1969.....	2,625	100	155	140	4,195	7,215
1970 <sup>1</sup> .....	3,250	95	280	105	5,310	9,040
Australia:						
1961.....	4,082	( <sup>2</sup> )	544	580	( <sup>2</sup> )	5,206
1962.....	2,667	( <sup>2</sup> )	327	510	( <sup>2</sup> )	3,504
1963.....	4,218	( <sup>2</sup> )	435	510	( <sup>2</sup> )	5,163
1964.....	3,194	( <sup>2</sup> )	261	870	( <sup>2</sup> )	4,315
1965.....	4,431	( <sup>2</sup> )	333	336	( <sup>2</sup> )	5,100
1966.....	3,279	( <sup>2</sup> )	295	550	( <sup>2</sup> )	4,124
1967.....	6,627	( <sup>2</sup> )	363	965	( <sup>2</sup> )	7,955
1968.....	4,305	( <sup>2</sup> )	345	363	( <sup>2</sup> )	5,016
1969.....	11,247	( <sup>2</sup> )	574	950	( <sup>2</sup> )	12,771
1970 <sup>1</sup> .....	12,227	( <sup>2</sup> )	841	1,424	( <sup>2</sup> )	14,492
Total:						
1961.....	62,768	844	7,127	8,105	75,297	154,141
1962.....	52,118	606	4,866	6,506	66,750	130,846
1963.....	53,484	508	6,207	7,606	57,274	125,079
1964.....	47,639	592	6,500	9,078	64,700	127,909
1965.....	45,740	780	4,768	7,080	51,531	118,199
1966.....	34,311	900	5,206	7,641	50,735	98,793
1967.....	36,840	790	6,554	7,206	49,147	100,537
1968.....	42,594	738	6,798	5,817	60,156	116,103
1969.....	58,472	751	9,892	8,921	56,945	134,981
1970 <sup>1</sup> .....	68,099	932	11,423	11,284	54,256	145,994

<sup>1</sup> Preliminary.<sup>2</sup> Production small and remaining stocks believed negligible.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information. Data for 1954-60 in *Agricultural Statistics, 1967*, table 70, are in millions of bushels (see conversion factors in "Weights, Measures, and Conversion Factors" table in front of book on pages VIII and IX).

Table 70.—Sorghum grain, forage, and silage: Acreage, yield, production, and value, United States, 1954-70

Year	Grain <sup>1</sup>				Forage <sup>2</sup>				Silage		
	Acreage planted for all purposes <sup>1</sup>	Acreage harvested	Yield per acre	Production	Price per bushel <sup>1</sup>	Farm value	Acreage harvested	Yield per acre	Acreage harvested	Yield per acre	Production
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	1,000 acres	Tons	1,000 acres	Tons	1,000 tons <sup>1</sup>
1951	11,804	11,718	19.8	234,014	1.26	296,063	5,053	1.02	1,359	5.39	7,403
1952	20,148	11,718	20.1	235,575	1.26	296,063	5,053	1.02	1,359	5.39	7,403
1953	23,921	12,891	18.6	242,038	1.17	238,005	6,142	1.09	1,433	5.49	9,194
1954	21,354	9,209	22.2	204,881	1.15	226,024	6,136	1.10	1,433	5.49	9,194
1955	26,052	19,652	28.9	557,019	1.07	279,635	2,118	1.06	1,418	5.33	15,560
1956	26,052	19,652	28.9	557,019	1.07	279,635	2,118	1.06	1,418	5.33	15,560
1957	26,052	19,652	28.9	557,019	1.07	279,635	2,118	1.06	1,418	5.33	15,560
1958	26,052	19,652	28.9	557,019	1.07	279,635	2,118	1.06	1,418	5.33	15,560
1959	19,508	15,495	36.1	555,441	1.08	472,078	2,265	1.09	1,347	5.60	11,640
1960	19,508	15,495	36.1	555,441	1.08	472,078	2,265	1.09	1,347	5.60	11,640
1961	14,294	10,965	43.7	480,208	1.01	483,067	1,701	1.99	1,305	10.0	12,005
1962	15,060	11,571	44.1	510,284	1.02	516,518	1,900	2.04	1,277	10.5	12,707
1963	17,516	13,326	43.9	585,394	1.07	567,785	2,365	1.82	1,273	10.1	12,835
1964	17,516	13,326	43.9	585,394	1.07	567,785	2,365	1.82	1,273	10.1	12,835
1965	19,770	15,072	51.6	774,719	1.05	774,719	2,909	1.48	1,200	9.40	11,249
1966	19,770	15,072	51.6	774,719	1.05	774,719	2,909	1.48	1,200	9.40	11,249
1967	15,372	12,813	55.8	714,962	1.03	738,944	2,064	2.07	1,185	10.3	12,324
1968	15,372	12,813	55.8	714,962	1.03	738,944	2,064	2.07	1,185	10.3	12,324
1969	19,007	14,999	50.4	755,936	1.01	744,666	2,381	1.75	1,031	9.9	10,182
1970	18,014	13,905	52.9	739,695	1.07	791,133	2,617	2.01	902	10.8	9,707
1970*	17,457	13,525	55.3	747,280	1.07	791,133	2,759	2.13	775	11.7	9,983
1970*	17,292	13,751	56.7	697,000	1.13	784,969	2,312	2.312	744	9.7	7,227

<sup>1</sup> Grain and sweet sorghums for all uses, including sirup.<sup>2</sup> Includes grain sorghum for grain, and sweet sorghums for grain or seed.<sup>3</sup> Based on the reported price of grain sorghum. Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.<sup>4</sup> Beginning 1969, forage production estimates discontinued.<sup>5</sup> Dec. 1 price.

\* Dry weight.

† Green weight.

‡ Preliminary.

§ Statistical Reporting Service.

|| Data for 1929-33 in Agricultural Statistics, 1967, table 71.

|| Data for 1929-33 in Agricultural Statistics, 1967, table 71.

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|| Data for 1929-33 in Agricultural Statistics, 1967, table 71.

|| Data for 1929-33 in Agricultural Statistics, 1967, table 71.

## SORGHUM

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Table 71.—Sorghum grain, silage, and forage: Acreage, production, and season average price per bushel received by farmers, by States, 1968-70

State	Acreage planted for all purposes			Grain								
				Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bushels	1,000 bushels	1,000 bushels	Dollars <sup>3</sup>	Dollars <sup>3</sup>	Dollars <sup>3</sup>
Indiana.....	20	20	20	11	10	13	726	650	845	0.89	1.01	1.23
Illinois.....	24	22	25	10	7	12	600	420	672	.89	.98	1.12
Iowa.....	72	58	49	48	36	32	3,360	2,952	2,368	.91	.97	1.04
Missouri.....	298	271	298	216	214	242	14,256	13,696	12,836	.89	1.01	1.11
North Dakota.....	9	10	7									
Nebraska.....	456	401	461	244	207	282	8,296	9,108	9,388	.88	.91	1.01
Kansas.....	2,035	1,852	1,778	1,754	1,561	1,499	101,732	118,636	76,449	.88	.95	1.05
Virginia.....	4,468	4,066	4,391	3,475	3,266	3,560	163,325	182,896	145,960	.91	.99	1.09
North Carolina.....	21	23	27	9	14	15	468	770	675	.99	1.09	1.12
South Carolina.....	70	72	72	45	49	46	2,340	2,744	2,438	1.02	1.10	1.34
Georgia.....	27	30	30	6	9	9	198	324	288	1.04	1.15	1.40
Tennessee.....	42	50	54	10	14	19	280	560	684	1.05	1.12	1.32
Alabama.....	17	16	18	8	8	9	400	492	486	.99	1.02	1.16
Mississippi.....	25	27	30	11	11	16	517	517	816	.98	.98	1.20
Louisiana.....	42	46	58	10	17	22	280	561	748	.98	1.04	1.21
Oklahoma.....	68	85	167	26	28	116	1,274	1,344	6,032	.96	1.12	1.27
Texas.....	88	111	245	50	72	190	2,050	2,880	9,500	1.00	1.05	1.11
Arizona.....	47	47	87	34	32	74	1,360	1,088	2,960	.95	1.15	1.09
California.....	976	966	937	638	542	542	26,158	25,474	23,306	.95	1.09	1.13
United States.....	7,538	7,538	7,010	6,196	6,196	5,896	340,780	309,800	329,616	.95	1.10	1.12
	689	672	504	324	311	282	11,464	11,041	11,320	.99	1.03	1.15
	390	396	279	301	307	307	16,182	16,856	17,499	.99	1.16	1.15
	239	208	193	231	199	181	18,249	15,522	12,670	1.14	1.32	1.38
	383	448	421	360	421	396	25,200	29,049	29,304	1.22	1.31	1.43
United States.....	18,014	17,457	17,292	13,995	13,625	13,751	739,695	747,280	697,050	.950	1.07	1.13

State	Silage						Forage		
	Acreage harvested			Production			Acres harvested		
	1968	1969	1970	1968	1969	1970	1968	1969	1970
	1,000 acres	1,000 acres	1,000 acres	1,000 tons <sup>4</sup>	1,000 tons <sup>4</sup>	1,000 tons <sup>4</sup>	1,000 acres	1,000 acres	1,000 acres
Indiana.....	9	9	7	108	117	84			
Illinois.....	5	5	4	60	63	44	8	9	8
Iowa.....	16	13	11	192	186	160	7	8	8
Missouri.....	29	23	24	377	295	240	45	27	27
North Dakota.....	3	3	2	14	11	11	5	6	4
South Dakota.....	76	56	41	585	420	226	125	129	124
Nebraska.....	102	104	89	1,071	1,248	890	133	145	132
Kansas.....	354	269	264	3,717	3,363	2,112	516	462	453
Virginia.....	9	5	9	99	60	90	1	3	1
North Carolina.....	13	16	17	136	208	221	11	6	8
South Carolina.....	10	13	13	95	117	104	10	7	7
Georgia.....	15	19	20	165	209	190	15	15	13
Kentucky.....	3	2	4	36	28	52	5	5	4
Tennessee.....	4	6	5	40	63	55	8	8	7
Alabama.....	17	16	21	162	192	210	12	10	11
Mississippi.....	32	47	45	394	611	585	7	7	3
Arkansas.....	12	18	26	132	189	286	24	17	24
Louisiana.....	5	6	5	62	66	55	8	7	6
Oklahoma.....	25	26	28	238	260	252	275	369	310
Texas.....	113	70	55	1,356	700	605	1,053	1,096	906
Colorado.....	24	22	15	264	220	165	262	308	176
New Mexico.....	8	6	15	90	69	158	79	85	74
Arizona.....	4	5	9	73	105	162	1	1	1
California.....	14	16	15	252	304	270	7	9	8
United States.....	902	775	744	9,707	9,083	7,227	2,617	2,759	2,312

<sup>1</sup> Preliminary.<sup>2</sup> For grain, includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.<sup>3</sup> Based on the reported price of grain sorghum.<sup>4</sup> Green weight.

Statistical Reporting Service.

Table 72.—Sorghum grain: Production and farm disposition, United States, 1961-70

Crop of—	Production	Farm disposition		Crop of—	Production	Farm disposition	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
1961.....	480,208	120,753	359,455	1966.....	714,992	133,420	581,572
1962.....	510,284	126,127	384,157	1967.....	755,936	152,164	603,772
1963.....	585,394	135,636	449,758	1968.....	739,695	141,275	598,420
1964.....	489,796	106,215	383,581	1969.....	747,280	160,337	586,943
1965.....	672,698	148,371	524,327	1970 <sup>1</sup> .....	697,050	142,127	554,923

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1944-60 in *Agricultural Statistics, 1967*, table 73.

Table 73.—Sorghum grain: Production and farm disposition, by States, crop of 1970 (preliminary)

State	Production	Farm disposition		State	Production	Farm disposition	
		Feed and seed	Sold from farms			Feed and seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels
Indiana.....	845	406	439	Tennessee.....	816	653	163
Illinois.....	672	349	323	Alabama.....	748	598	150
Iowa.....	2,368	1,350	1,018	Mississippi.....	6,032	2,111	3,921
Missouri.....	12,826	7,439	5,387	Arkansas.....	9,500	1,330	8,170
South Dakota.....	9,588	4,027	5,561	Louisiana.....	2,960	1,184	1,776
Nebraska.....	76,449	22,935	53,514	Oklahoma.....	23,306	8,157	15,149
Kansas.....	145,960	48,167	97,793	Texas.....	329,616	29,665	299,951
Virginia.....	675	594	81	Colorado.....	11,320	2,830	8,490
North Carolina.....	2,438	829	1,609	New Mexico.....	17,499	3,675	13,824
South Carolina.....	288	230	58	Arizona.....	12,670	1,774	10,896
Georgia.....	684	520	164	California.....	29,304	2,930	26,374
Kentucky.....	486	374	112	United States.....	697,050	142,127	554,923

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

Table 74.—Sorghum grain: Stocks on and off farms, United States, 1961-71

Year	On farms				Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1961.....	216,907	108,983	54,390	32,414	815,483	750,808	699,580	669,515
1962.....	148,825	83,538	41,585	24,241	889,686	767,816	704,363	636,729
1963.....	177,636	101,716	50,667	34,815	846,514	725,258	643,767	619,811
1964.....	189,625	110,128	63,091	42,347	833,074	730,349	651,776	606,453
1965.....	184,258	98,008	61,564	47,442	797,589	669,893	595,677	518,093
1966.....	212,918	133,587	71,352	50,614	765,142	590,556	461,521	340,587
1967.....	234,108	133,178	81,980	44,414	586,872	393,312	253,553	199,486
1968.....	213,026	142,130	90,719	38,145	519,341	374,907	277,408	230,945
1969.....	221,739	129,823	83,816	53,206	323,364	413,366	302,491	235,040
1970.....	191,147	122,103	70,251	40,606	503,506	385,895	278,918	205,235
1971 <sup>2</sup> .....	155,254	-----	-----	-----	489,178	-----	-----	-----

<sup>1</sup> Old crop only.<sup>2</sup> Stocks at mills, elevators, warehouses, commercial stocks at terminals, processors, and those owned by Commodity Credit Corporation which are in bins and other storages under CCC control.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 75.

Table 75.—Sorghum grain, No. 2 Yellow: Average market price per 100 pounds at selected markets, 1960-69

Year beginning October	Kansas City	Fort Worth	Los Angeles	Stockton	Year beginning October	Kansas City	Fort Worth	Los Angeles	Stockton
	Dollars	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars	Dollars
1960.....	1.77	2.04	2.23	2.30	1965.....	1.96	2.27	2.45	2.44
1961.....	1.87	2.06	2.31	2.38	1966.....	2.11	2.40	2.56	2.58
1962.....	1.94	2.13	2.36	2.43	1967.....	1.96	2.27	2.45	2.44
1963.....	2.01	2.29	2.47	2.53	1968.....	1.97	2.31	2.53	2.50
1964.....	2.08	2.39	2.58	2.59	1969.....	2.07	2.42	2.64	2.62

<sup>1</sup> Price in San Francisco.Consumer and Marketing Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 77.



Table 76.—Sorghum grain: United States exports (domestic) by country of destination, average 1960-64, annual 1968 and 1969

Country of destination	Year beginning July			Country of destination	Year beginning July		
	Average 1960-64	1968	1969		Average 1960-64	1968	1969
Western Hemisphere:	1,000 bushels	1,000 bushels	1,000 bushels	Asia:	1,000 bushels	1,000 bushels	1,000 bushels
Canada.....	212	835	1,016	India.....	1,041	4,969	6,640
Mexico.....	2,445	1,104	1,069	Israel.....	6,729	15,046	22,357
Others.....	731	567	3,069	Japan.....	21,938	67,497	76,629
Total Americas.....	3,388	2,506	5,154	Others.....	548	131	72
Europe:				Total Asia and Oceania.....	30,276	88,543	105,698
Belgium and Luxembourg.....	16,688	2,667	4,728	Africa:			
Germany, West.....	3,717	702	11	Ethiopia.....	240		58
Ireland.....	357		202	Senegal.....	244	286	825
Netherlands.....	29,111	4,538	1,276	South Africa.....			
Norway.....	1,671	593		Republic of.....	24	4	16
Poland.....	5,313	1,260		Western Africa <sup>1</sup> .....	31	231	92
United Kingdom.....	6,222			Others.....	858	62	228
Others.....	3,596	4,710	425	Total Africa.....	1,397	583	1,219
Total Europe.....	66,877	14,470	6,642	World total.....	101,938	106,102	118,713

<sup>1</sup> Not elsewhere classified.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 77.—Sorghum grain: Price-support operations, United States, 1961-71

Year beginning October	Support price		Season average price per cwt. received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC Sept. 30
	Per cwt.	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	Million cwt.	Percent	Million cwt.	Million cwt.
1961.....	1.93	78	1.80	109.9	40.9	108.5	362.7
1962.....	1.93	77	1.82	122.8	43.0	121.7	342.8
1963.....	* 2.00	80	1.74	78.0	23.8	70.0	344.5
1964.....	* 2.00	82	1.88	46.5	16.9	41.3	302.1
1965.....	* 2.00	81	1.76	59.4	15.8	47.5	215.4
1966.....	* 2.05	80	1.82	15.5	3.9	( <sup>4</sup> )	108.2
1967.....	* 2.14	83	1.77	36.6	8.6	* 5.1	107.5
1968.....	* 2.15	81	1.69	41.3	10.0	* 7.7	111.4
1969.....	* 2.14	77	1.91	23.3	5.6	( <sup>5</sup> ) ( <sup>6</sup> )	97.0
1970.....	* 2.14	73	* 2.01	* 11.7	* 3.0	( <sup>5</sup> ) ( <sup>6</sup> )	
1971.....	* 2.21	* 72					

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>2</sup> Includes loans made, purchases, and purchase agreements entered into.<sup>3</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from crop harvested in the year indicated and not acquisitions during that year.<sup>4</sup> Includes price-support payments of 29 cents in 1963, 23 cents in 1964, 35 cents in 1965, 53 cents in 1966 through 1970, and 51 cents in 1971.<sup>5</sup> Less than 50,000 cwt.<sup>6</sup> Through Dec. 31, 1970.<sup>7</sup> Preliminary.Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 78.

Table 78.—Sorghum grain: Supply and disappearance, United States, 1960-70

Year beginning October	Supply			Disappearance					
	Carry- over stocks	Produce- tion	Total supply	Food and industrial uses <sup>1</sup>	Seed	Live- stock feed <sup>2</sup>	Domestic disap- pearance	Exports <sup>3</sup>	Total disap- pearance
	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels	Million bushels
1960.....	581	630	1,201	11	2	415	428	71	496
1961.....	702	480	1,182	9	2	411	422	99	521
1962.....	661	510	1,171	10	2	391	403	113	516
1963.....	655	585	1,240	11	2	471	484	107	591
1964.....	649	490	1,139	11	2	412	425	148	573
1965.....	566	673	1,239	11	2	569	582	266	848
1966.....	391	715	1,106	11	2	601	614	248	862
1967.....	244	756	1,000	11	2	532	545	166	711
1968.....	289	740	1,029	11	2	622	635	106	741
1969 <sup>4</sup> .....	286	747	1,035	7	2	664	663	126	789
1970 <sup>4</sup> .....	246	697	943						

<sup>1</sup> Includes an allowance for wet-process products.<sup>2</sup> Residual; includes small quantities of other uses and waste.<sup>3</sup> Compiled from reports of the Bureau of the Census.<sup>4</sup> Preliminary.Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 79.

Table 79.—Commercial feeds: Disappearance for feed, United States, 1960-69

Year beginning October	Oilseed cake and meal						Animal proteins			
	Soy- bean	Cotton- seed	Linseed	Peanut	Copra	Total	Tankage and meat meal	Fish meal	Dried milk <sup>1</sup>	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1960.....	8,837	2,498	378	76	162	11,951	1,695	542	170	2,407
1961.....	9,232	2,622	330	53	135	12,372	1,760	622	165	2,547
1962.....	9,556	2,585	320	68	113	12,642	1,837	663	202	2,702
1963.....	9,138	2,696	327	79	94	12,334	1,940	737	214	2,891
1964.....	9,236	2,680	300	99	100	12,415	1,932	619	236	2,787
1965.....	10,274	2,562	284	108	108	13,336	1,960	638	275	2,873
1966.....	10,820	1,753	248	115	90	13,028	2,068	827	255	3,150
1967.....	10,754	1,462	183	133	118	12,648	2,059	1,083	250	3,392
1968.....	11,525	2,086	196	135	110	14,052	2,021	835	235	3,091
1969 <sup>2</sup> .....	13,577	1,794	182	122	91	15,766	2,013	563	250	2,826

Year beginning October	Mill products <sup>3</sup>								Total commer- cial feeds
	Wheat mill- feeds	Gluten feed and meal	Rice mill- feeds	Brewers' dried grains	Distillers' dried grains	Dried and molasses beet pulp <sup>4</sup>	Alfalfa meal	Total	
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1960.....	4,874	1,098	284	249	352	790	1,436	9,083	23,441
1961.....	4,932	1,237	315	266	380	892	1,513	9,535	24,454
1962.....	4,834	1,285	347	261	362	1,055	1,589	9,733	25,077
1963.....	5,051	1,368	373	276	381	1,203	1,613	10,265	25,490
1964.....	4,716	1,406	395	295	410	1,289	1,633	10,144	25,346
1965.....	4,612	1,481	395	304	427	1,153	1,632	10,024	25,283
1966.....	4,499	1,496	451	324	425	1,129	1,599	9,913	25,061
1967.....	4,490	1,514	476	336	447	1,130	1,550	9,943	25,983
1968.....	4,469	1,550	494	333	437	1,523	1,662	10,468	27,611
1969 <sup>2</sup> .....	4,633	1,575	490	361	428	1,600	1,535	10,622	29,214

<sup>1</sup> Includes dried skim milk, buttermilk, and whey for feed, but does not include any milk products fed on farms.<sup>2</sup> Preliminary.<sup>3</sup> Other mill products that are not listed include screenings, hominy and oats feeds, etc., for which no statistics are available.<sup>4</sup> Does not include wet sugarbeet pulp.Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 80.

Table 80.—Feed concentrates: Supply, grain-consuming animal units, and supply and quantity fed per animal unit, United States, 1954-70

Year beginning October	Supply					Quantity fed to live-stock	Animal units fed annually <sup>2</sup>	Supply per animal unit	Quantity fed per animal unit
	Carry-over stocks of feed grains <sup>1</sup>	Production of feed grains	Other grains fed <sup>3</sup>	By-product feeds <sup>4</sup>	Total				
	Million tons	Million tons	Million tons	Million tons	Million tons	Million tons	Millions	Tons	Tons
1954.....	31.7	114.1	2.4	23.7	171.9	116.3	102.5	1.68	1.13
1955.....	39.1	120.8	2.8	24.1	186.8	131.9	104.0	1.80	1.17
1956.....	43.2	119.3	2.5	24.5	189.5	119.7	101.6	1.86	1.18
1957.....	48.8	132.4	2.5	25.9	209.6	129.0	100.0	2.10	1.29
1958.....	59.0	144.1	2.0	27.2	232.3	139.5	104.6	2.21	1.33
1959.....	67.6	149.5	2.0	27.8	246.9	144.7	103.6	2.38	1.40
1960.....	74.6	155.5	2.2	28.0	260.3	149.8	104.7	2.49	1.43
1961.....	85.0	139.8	1.2	29.0	255.0	151.6	106.0	2.42	1.43
1962.....	72.2	141.7	1.6	29.7	245.2	150.3	109.0	2.25	1.38
1963.....	64.4	133.8	2.0	30.2	230.4	145.2	108.3	2.31	1.37
1964.....	69.3	134.2	3.9	30.2	237.6	145.2	105.9	2.24	1.37
1965.....	54.8	137.4	3.9	31.1	227.2	161.0	106.3	2.33	1.51
1966.....	42.1	137.6	4.2	31.2	215.1	160.7	111.5	2.11	1.44
1967.....	37.1	176.0	4.9	31.1	249.1	161.8	111.4	2.24	1.46
1968.....	48.3	168.9	5.8	32.9	255.9	172.2	113.8	2.25	1.51
1969 <sup>5</sup> .....	50.2	174.6	7.4	34.7	266.9	181.2	117.3	2.28	1.54
1970 <sup>5</sup> .....	48.4	159.0	7.7	35.5	250.6				

<sup>1</sup> October-September feeding year for all items except oats and barley carryover and production, which are for the July-June marketing year.

<sup>2</sup> Corn and sorghum grain, Oct. 1; oats and barley, July 1.

<sup>3</sup> Imported grains and domestic wheat and rye.

<sup>4</sup> Mill byproducts, oilseed meals, animal protein feeds, and molasses.

<sup>5</sup> Animal units fed during the October-September feeding year. For method of calculation, see National and State Livestock-Feed Relationships, U.S. Department of Agriculture Statistical Bulletin No. 446.

<sup>6</sup> Preliminary.

Economic Research Service.

Table 81.—Feed grains: United States exports under specified Government programs, 1960-69

Year beginning July	Public Law 480					Mutual security (AID) <sup>4</sup>	Total specified Government programs
	Title I, sales for foreign currency	Title II, disaster relief and other assistance <sup>1</sup>	Title III		Title IV, long-term dollar-sales		
			Foreign donations <sup>2</sup>	Barter <sup>3</sup>			
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1960	1,031	251	327	957		436	3,002
1961	1,038	504	336	1,193		63	3,134
1962	840	79	372	741		13	2,045
1963	999	147	354	277		8	1,781
1964	521	196	255	385	340	10	1,707
1965	1,323	178	274	236	336	6	2,353
1966	3,242	428	283	426	258	3	4,640
1967	1,219	277	208	658	540	2	2,904
1968	61	161	155	932	725		2,035
1969 <sup>5</sup>	1,068	193	153	1,105			2,519

<sup>1</sup> Includes emergency relief, economic development, and World Food Program.

<sup>2</sup> Foreign donations are authorized under Sec. 416 of the Agricultural Act of 1949 as amended, and Sec. 302, Title III, P.L. 480.

<sup>3</sup> The barter program is authorized under the Charter Act of the Commodity Credit Corporation; Title III, P.L. 480; and other legislation.

<sup>4</sup> Sales for foreign currency and economic aid under the Act for International Development, P.L. 87-195, and Mutual Security Acts, P.L. 865 and 165.

<sup>5</sup> Preliminary.

Foreign Agricultural Service. Data for 1954-59 in *Agricultural Statistics, 1967*, table 82.

# FEED GRAINS

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Table 82.—Feed grains: Average price per 100 pounds, selected markets and grades, 1960-69

Year beginning October	Kansas City				Chicago		
	Corn, No. 3 Yellow	Oats, No. 2 White	Barley, No. 3	Grain sor- ghum, No. 2 Yellow	Corn, No. 3 Yellow	Oats, No. 2 White	Barley, feed <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960.....	1.88	2.21	1.96	1.77	1.96	2.17	1.95
1961.....	1.97	2.36	2.26	1.87	1.98	2.19	2.35
1962.....	2.14	2.27	2.30	1.95	2.12	2.23	2.13
1963.....	2.20	2.31	2.17	1.98	2.14	2.17	2.07
1964.....	2.33	2.28	2.23	2.08	2.25	2.34	2.14
1965.....	2.27	2.46	2.37	1.97	2.26	2.38	2.42
1966.....	2.44	2.41	2.37	2.09	2.43	2.35	2.39
1967.....	2.11	2.25	2.22	1.99	1.99	2.25	2.01
1968.....	2.09	2.23	1.94	2.00	2.09	2.01	1.65
1969.....	2.26	1.90	1.94	2.10	2.24	2.21	

  

Year beginning October	Minneapolis			Los Angeles		
	Corn, No. 3 Yellow	Oats, No. 2 White	Barley, No. 3	Corn, No. 2 Yellow	Barley, No. 2 Western <sup>2</sup>	Grain sor- ghum, No. 2 Yellow
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960.....	1.77	1.99	2.14	2.67	2.53	2.23
1961.....	1.86	2.06	2.46	2.50	2.58	2.31
1962.....	1.99	2.10	2.18	2.76	2.63	2.36
1963.....	2.02	2.02	2.06	2.82	2.67	2.47
1964.....	2.15	2.10	2.40	2.94	2.73	2.58
1965.....	2.19	2.18	2.54	2.89	2.80	2.45
1966.....	2.31	2.19	2.54	2.86	2.79	2.56
1967.....	1.93	2.22	2.26	2.68	2.52	2.45
1968.....	2.03	2.11	2.04	2.79	2.75	2.53
1969.....	2.06	1.96	2.10	2.89	2.68	2.64

<sup>1</sup> Discontinued in 1969.

<sup>2</sup> Bulk basis.

Economic Research Service. Prices of corn and oats at Kansas City, Chicago, and Minneapolis were computed by weighting selling prices by reported number of carlots sold. Prices of barley and grain sorghum at Kansas City and of barley at Chicago and Minneapolis are the average of prices at the close of each day. Prices at Los Angeles are the average of prices on one day each week. Data for 1944-59 in *Agricultural Statistics, 1967*, table 83.

Table 83.—Feedstuffs: Average price per ton, bulk, in wholesale lots, at leading markets, 1960-69

Year beginning October	Soybean meal		Cottonseed meal		Linseed meal	Copra meal	Peanut meal	Meat meal	Tankage digester	Fish meal	Wheat bran
	44% protein	44% protein	41% protein	41% protein	34% protein	20% protein	45% protein	50% protein	60% protein	60% protein	
	Chi- cago	De- catur	Fort Worth	Mem- phis	Minne- apolis	San Franc- isco	S.E. mills	Chi- cago	Chi- cago	Los Angeles	Kansas City
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960.....	64.30	60.60	60.10	56.15	54.15	52.35	56.80	84.20	84.80	101.85	30.70
1961.....	67.50	63.60	65.30	59.20	56.00	63.70	61.80	86.30	88.70	115.70	32.50
1962.....	75.20	71.30	72.00	66.90	67.30	70.50	67.40	93.70	96.40	115.60	36.80
1963.....	75.20	71.00	68.40	62.20	58.00	67.20	62.70	88.20	92.70	119.00	34.60
1964.....	74.60	70.20	63.20	59.80	61.90	64.20	67.70	83.90	87.70	140.60	37.70
1965.....	85.80	81.50	73.40	72.40	74.50	70.60	79.50	105.30	111.00	152.20	39.80
1966.....	83.20	78.80	81.30	77.50	74.40	70.60	82.50	94.00	98.10	129.00	45.70
1967.....	81.40	76.90	77.50	77.40	76.50	70.50	81.10	88.80	92.50	117.10	39.70
1968.....	75.60	74.10	67.60	65.20	78.40	70.00	80.00	91.60	94.90	132.80	40.20
1969.....	83.50	78.40	79.40	71.40	78.30	65.50	80.40	107.00	109.50	175.50	42.50

  

Year beginning October	Wheat mid- dlings	Wheat shorts	Wheat mill- run	Gluten feed 21% protein	Hom- iny feed	Distil- lers' dried grains	Brew- ers' dried grains	Alfalfa meal		Feed- ing mo- lasses	Index num- bers Jan.- Dec. 1967 = 100 <sup>1</sup>
	Minne- apolis	Kansas City	Port- land	Chi- cago	Chi- cago	Bul- falo	Mil- waukee	Kansas City	Kansas City	New Orleans	
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
1960.....	32.45	32.20	38.00	38.30	38.55	62.00	41.85	45.15	36.65	22.11	81.4
1961.....	34.50	34.00	41.80	37.50	40.10	60.40	37.90	47.60	38.30	22.71	85.2
1962.....	38.40	38.80	40.40	43.20	42.70	64.90	44.20	49.40	39.00	35.16	94.5
1963.....	35.30	36.50	38.80	40.70	44.00	61.30	37.90	42.20	38.00	25.60	91.1
1964.....	39.10	39.40	44.60	43.00	44.60	64.20	42.10	40.30	37.60	14.92	90.7
1965.....	41.90	42.00	47.70	47.40	44.20	65.40	46.00	49.70	40.00	19.90	103.6
1966.....	45.30	46.00	46.00	50.10	46.00	69.20	50.70	53.40	43.90	29.29	103.2
1967.....	39.80	39.70	41.80	44.90	39.00	63.30	45.90	39.10	37.20	25.60	97.3
1968.....	39.90	40.20	41.60	43.70	41.10	65.00	45.00	42.40	38.30	20.20	95.1
1969.....	42.30	42.50	42.60	47.80	43.20	68.10	48.90	45.30	40.00	24.80	103.7

<sup>1</sup> Based on prices of the following commodities at leading producing markets, weighted by average consumption: Soybean, cottonseed, linseed, copra, and peanut meals; bran, middlings, shorts, and millrun; gluten feed and meal; hominy feed; brewers' and distillers' dried grains; alfalfa meal; rice bran, and feeding molasses.

Consumer and Marketing Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 84.

## CHAPTER II

### STATISTICS OF COTTON, SUGAR, AND TOBACCO

In addition to tables on cotton, sugar, and tobacco, this chapter includes tables on fibers other than cotton, sirups, sugar, honey, and beeswax. Most cottonseed data, however, are in the following chapter on oilseeds, fats, and oils.

Much of the information on cotton lint is given in terms of "running" bales. The term "running bale," when applied to weight, is the average weight of a bale as it comes from the gin; when applied to number, it is the number of bales actually ginned.

The name "American Pima" was used for extra-long staple cotton in the 1970 volume, and replaced the name "American-Egyptian" used earlier.

Table 84.—Cotton: Acreage, yield, production, value, and foreign trade, United States, 1954-70

Year	Cotton								Cottonseed		
	Acreage planted	Acreage harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per pound received by farmers <sup>2</sup>	Farm value	Market price per pound, New Orleans, year beginning August <sup>3</sup>	Foreign trade year beginning August <sup>4</sup>		Production	Farm value
								Domestic exports <sup>5</sup>	Imports for consumption		
1,000 acres	1,000 acres	Lb.	1,000 bales	Cents	1,000 dollars	Cents	1,000 bales	1,000 bales	1,000 tons	1,000 dollars	
1954		18,853		12,981							
1954	20,052	19,251	341	13,697	33.61	2,301,358	33.95	3,585	180	5,709	344,175
1955	17,961	16,928	417	14,721	32.33	2,379,030	34.28	2,330	137	6,043	269,262
1956	17,077	15,615	409	13,310	31.75	2,112,625	33.64	7,916	191	5,407	288,864
1957	14,310	13,558	388	10,964	29.65	1,625,119	34.50	5,959	141	4,609	235,367
1958	12,379	11,949	466	11,612	33.23	1,912,311	34.31	2,895	137	4,798	210,262
1959		14,618		15,880							
1959	15,833	15,117	461	14,558	31.66	2,304,265	31.47	7,394	145	5,991	232,115
1960	16,080	15,309	446	14,272	30.19	2,154,165	30.55	6,857	159	5,886	249,977
1961	16,588	15,634	438	14,318	32.92	2,356,309	33.39	5,056	159	5,978	305,310
1962	16,293	15,569	457	14,867	31.60	2,370,480	33.17	3,429	137	6,139	293,845
1963	14,843	14,212	517	15,334	32.23	2,460,647	32.82	5,775	135	6,192	314,219
1964		15,915		14,733							
1964	14,835	14,055	517	15,182	29.76	2,238,491	30.37	4,195	118	6,287	293,865
1965	14,152	13,615	527	14,973	28.14	2,106,088	29.35	3,035	118	6,087	284,412
1966	10,349	9,552	480	9,575	20.84	997,467	21.91	4,832	105	3,960	261,008
1967	9,448	7,997	447	7,458	23.59	953,820		4,361	201	3,210	177,406
1968	10,912	10,160	516	10,948	22.15	1,212,021		2,416	113	4,640	234,492
1969	11,882	11,058	434	10,009	21.09	1,054,961		2,884	52	4,186	172,030
1970 <sup>6</sup>	11,942.3	11,167.8	441	10,270.1	22.50	1,155,347				4,289.8	238,541

<sup>1</sup> Census of Agriculture figures for all periods are in running bales. U.S. Department of Agriculture figures are in 500-pound gross weight bales for all years.

<sup>2</sup> Gross weight price, including bagging and ties, except that extra-long staple cotton is included at net weight. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>3</sup> Prices for middling grade  $1\frac{1}{8}$ -inch staple through July 1956; 1-inch staple beginning August 1956; discontinued in 1967 crop year.

<sup>4</sup> Compiled from reports of the U.S. Department of Commerce. Equivalent bales of 500 pounds, gross weight.

<sup>5</sup> Excluding linters.

<sup>6</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Production figures conform with Census annual ginning enumerations. Data for 1866-1933 in *Agricultural Statistics, 1967*, table 85.



## COTTON, SUGAR, AND TOBACCO, 1971

Table 85.—Cotton: Acreage, production, and season average price per pound and per ton of cottonseed received by farmers, by States, by States, 1968-70

State	Cotton						Cottonseed					
	Acreage planted			Acreage harvested			Production <sup>2</sup> (600-pound gross weight bales)			Price <sup>1</sup> for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bales	1,000 bales	1,000 bales	1,000 tons	Dollars	Dollars	Dollars
North Carolina	200	184	173	150	166	165	123	100	66	40.80	40.70	51.00
South Carolina	354	340	346	340	287	290	231	205	105	50.00	40.40	50.90
Georgia	410	410	425	385	385	390	295	283	117	48.00	48.00	50.00
Tennessee	394	420	425	360	400	390	325	422	193	48.00	40.10	53.00
Alabama	555	566	565	525	545	540	397	361	215	48.00	40.20	50.00
Missouri	315	312	310	302	315	321	225	225	84	48.00	38.80	47.50
Arkansas	1,045	1,045	1,045	1,045	1,045	1,045	1,045	1,045	1,045	51.90	43.20	55.50
Mississippi	1,312	1,312	1,312	1,312	1,312	1,312	1,312	1,312	1,312	50.00	42.10	56.50
Louisiana	1,045	1,045	1,045	1,045	1,045	1,045	1,045	1,045	1,045	50.00	42.10	56.50
Oklahoma	423	440	445	410	430	435	354	279	112	49.10	45.30	58.00
Texas:												
Upland	4,425.5	5,147.5	5,225.0	4,101.0	4,648.0	4,825.0	3,932.1	2,894.9	1,356	50.50	41.80	53.50
American Pima <sup>1</sup>	24.5	27.5	28.8	24.0	27.0	28.0	22.9	27.7	1,400	50.50	41.80	53.50
All	4,450.0	5,175.0	5,253.8	4,125.0	4,675.0	4,853.0	3,955.0	2,922.6	1,356	50.50	41.80	53.50
New Mexico:												
Upland	147.0	147.0	130.0	137.7	131.5	127.0	164.6	144.8	64	55	52.90	62.00
American Pima <sup>1</sup>	14.0	15.0	15.3	14.5	15.3	11.4	12.2	10.0	74	55	52.90	62.00
All	161.0	162.0	145.3	152.2	146.8	138.4	176.8	154.8	138	55	52.90	62.00
Africa:												
Upland	263.5	277.4	243.0	268.7	276.6	242.0	689.8	696.7	263	32.50	39.80	60.00
American Pima <sup>1</sup>	28.5	33.6	33.1	28.3	33.4	32.8	44.2	37.3	203	32.50	39.80	60.00
All	292.0	311.0	276.1	297.0	310.0	274.8	734.0	734.0	466	32.50	39.80	60.00
California:												
Upland	694.6	708.5	685.0	686.6	700.6	693.0	1,372.3	1,314.5	501	50.00	37.70	67.00
American Pima <sup>1</sup>	695.0	707.0	695.0	687.0	701.0	695.0	1,372.0	1,315.0	501	50.00	37.70	67.00
All	8.1	8.5	4.8	6.0	6.0	4.3	3.0	2.1	9	38.00	38.00	45.00
Virginia	13.4	13.6	13.3	12.5	12.5	9.9	9.4	8.5	3.9	40.00	40.00	50.00
Florida	2.0	1.8	1.6	2.3	2.3	4.4	4.4	4.4	2.2	40.00	40.00	50.00
Illinois	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	1.5	40.00	40.00	50.00
Kentucky	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.4	40.00	40.00	50.00
Nevada	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	1.4	40.00	40.00	50.00
United States:												
Upland	10,843.1	11,904.3	11,966.3	10,082.8	10,982.3	11,043.3	10,808.6	9,931.1	4,186	41.10	41.10	55.60
American Pima <sup>1</sup>	68.4	75.9	75.9	67.0	75.3	74.5	74.5	77.7	4,186	41.10	41.10	55.60
All <sup>1</sup>	10,912	11,980	11,942.2	10,150	11,058	11,117.8	10,883.1	10,009	4,186	41.10	41.10	55.60

See footnotes on page 61.

Table 86.—Cotton, American upland: Price-support operations, United States, 1961-71

Year beginning August	Support price <sup>1</sup>		Season average price per pound received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC July 31
	Per pound	Percentage of parity <sup>3</sup>		Quantity	Percentage of production		
	Cents	Percent	Cents	1,000 bales <sup>5</sup>	Percent	1,000 bales <sup>5</sup>	1,000 bales <sup>5</sup>
1961.....	31.88	82	32.80	4,833	33.9	3,243	1,449
1962.....	31.88	81	31.74	5,809	46.2	4,719	3,750
1963.....	31.72	78	32.02	7,969	52.5	5,779	4,303
1964.....	* 32.80	80	29.62	7,288	48.5	4,824	6,557
1965.....	* 32.60	71	28.03	6,926	46.7	5,306	9,715
1966.....	* 29.63	73	20.64	3,094	32.6	1,415	6,668
1967.....	* 31.00	74	25.39	1,482	20.1	32	559
1968.....	* 31.93		22.02	4,415	40.7	2,775	24
1969.....	* 34.44		20.94	3,670	37.2	1,066	1,890
1970.....	* 36.95		* 22.40	* 2,408	* 23.9		
1971.....	* 35.00						

<sup>1</sup> Basis average of crop through 1970; Middling 1-inch, micronaire 3.5-4.9, for 1971.<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>3</sup> Loans made.<sup>4</sup> Acquisitions from crop harvested in the year indicated and not acquisitions during that year.<sup>5</sup> Running bales.<sup>6</sup> Includes price-support payments as follows: 3.50 cents per pound in 1964 and 4.35 cents in 1965 to producers who planted within domestic allotment; and 9.42 cents in 1966, 11.53 cents in 1967, 12.24 cents in 1968, 14.73 cents in 1969, 16.80 cents in 1970 to program participants on projected production from farm's domestic allotment, and a minimum of 15 cents in 1971 on production from acreage planted within the farm base acreage allotment.<sup>7</sup> Average price to Dec. 1, 1970.<sup>8</sup> Preliminary.Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 87.

## FOOTNOTES FOR TABLE 85

<sup>1</sup> Preliminary.<sup>2</sup> Bales ginned, as reported by the U.S. Department of Commerce with an allowance made for interstate movement of seed cotton for ginning, rounded to thousands, by States. Cotton produced but not ginned is not included in production.<sup>3</sup> Gross weight price, including bagging and ties, except that American Pima cotton is included at net weight. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.<sup>4</sup> Average price to Apr. 1, 1971.<sup>5</sup> American-Egyptian prior to 1970.<sup>6</sup> 1968 and 1969 average and production rounded to thousands.

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## FOOTNOTES FOR TABLE 87

<sup>1</sup> Harvest season beginning Aug. 1.<sup>2</sup> Preliminary.<sup>3</sup> Bales of 480 pounds net.<sup>4</sup> Includes estimates for minor-producing countries not shown above and allowances for countries where data are not yet available.<sup>5</sup> Formerly Aden.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 87.—Cotton: Acreage, yield, and production in specified countries, average 1964-68, annual 1969 and 1970<sup>1</sup>

Continent and country	Acreage			Yield per acre			Production <sup>2</sup>		
	Average 1964-68	1969	1970 <sup>3</sup>	Average 1964-68	1969	1970 <sup>3</sup>	Average 1964-68	1969	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 bales	1,000 bales	1,000 bales
<b>North America:</b>									
United States.....	11,076	11,058	11,168	504	435	441	11,627	10,009	10,270
El Salvador.....	164	122	145	673	818	745	230	208	225
Guatemala.....	233	182	175	703	633	658	341	240	240
Honduras.....	33	12	10	623	600	672	43	15	14
Mexico.....	1,822	1,340	1,100	618	627	676	2,345	1,750	1,550
Nicaragua.....	348	240	215	675	620	648	489	310	290
<b>Total<sup>4</sup></b> .....	<b>13,797</b>	<b>13,072</b>	<b>12,923</b>	<b>526</b>	<b>461</b>	<b>469</b>	<b>15,114</b>	<b>12,560</b>	<b>12,617</b>
<b>South America:</b>									
Argentina.....	996	1,100	1,000	235	279	264	483	640	550
Brazil.....	5,670	6,800	6,000	215	219	176	2,540	3,100	2,200
Colombia.....	437	700	600	462	405	400	421	590	500
Ecuador.....	54	30	50	228	320	336	26	20	35
Paraguay.....	130	125	125	187	288	288	51	75	75
Peru.....	550	420	410	443	446	468	507	390	400
Venezuela.....	118	120	120	266	280	280	65	70	70
<b>Total<sup>4</sup></b> .....	<b>7,961</b>	<b>9,313</b>	<b>8,323</b>	<b>248</b>	<b>254</b>	<b>222</b>	<b>4,105</b>	<b>4,901</b>	<b>3,846</b>
<b>Europe:</b>									
Greece.....	342	375	330	514	653	640	366	510	440
Italy.....	29	20	20	242	192	192	15	8	8
Spain.....	444	340	240	385	374	480	356	265	240
Bulgaria.....	117	115	115	297	313	313	72	75	75
Yugoslavia.....	24	28	30	240	246	221	12	14	14
<b>Total<sup>4</sup></b> .....	<b>1,017</b>	<b>938</b>	<b>795</b>	<b>398</b>	<b>457</b>	<b>481</b>	<b>843</b>	<b>892</b>	<b>797</b>
<b>U.S.S.R. (Europe and Asia)</b> .....	<b>6,060</b>	<b>6,300</b>	<b>6,500</b>	<b>711</b>	<b>678</b>	<b>798</b>	<b>8,980</b>	<b>8,900</b>	<b>10,800</b>
<b>Africa:</b>									
Angola.....	98	135	135	201	320	320	41	90	90
Cameroon.....	205	265	225	199	254	128	85	140	60
Central African Republic.....	275	300	300	107	136	144	61	85	90
Chad.....	737	750	750	119	128	112	182	200	175
Congo (Kinshasa).....	210	250	250	119	173	173	32	90	90
Kenya.....	154	150	150	56	88	58	18	18	18
Malawi.....	76	85	85	143	198	198	23	35	35
Morocco.....	43	45	50	371	267	288	33	25	30
Mozambique.....	906	500	800	96	120	120	181	200	200
Nigeria.....	840	1,000	1,000	117	192	95	204	400	200
Rhodesia.....	105	250	250	378	461	461	81	240	240
South Africa, Republic of.....	90	110	110	421	327	436	79	75	100
Sudan.....	1,161	1,300	1,325	355	369	362	858	1,000	1,000
Tanzania.....	495	500	500	286	312	330	295	325	365
Uganda.....	2,125	2,000	2,000	78	94	91	345	380	380
United Arab Republic.....	1,756	1,680	1,650	591	714	640	2,161	2,500	2,200
<b>Total<sup>4</sup></b> .....	<b>9,867</b>	<b>10,416</b>	<b>10,376</b>	<b>239</b>	<b>284</b>	<b>259</b>	<b>4,907</b>	<b>6,156</b>	<b>5,601</b>
<b>Asia and Oceania:</b>									
Afghanistan.....	310	300	300	175	160	160	113	100	100
Australia.....	57	78	80	872	751	600	104	122	100
Burma.....	500	350	350	69	69	69	72	50	50
China (Mainland).....	12,080	12,300	12,500	262	265	265	6,580	6,800	6,900
India.....	19,706	19,400	19,400	118	126	116	4,860	5,100	4,700
Iran.....	890	940	790	314	363	389	582	710	640
Iraq.....	75	75	75	270	288	288	42	45	45
Israel.....	45	82	85	960	1,077	875	113	184	155
Korea, Republic of.....	49	45	45	188	213	213	19	20	20
Pakistan.....	4,059	4,345	4,400	250	273	273	2,116	2,475	2,500
Southern Yemen <sup>5</sup> .....	45	40	40	203	240	240	19	20	20
Syria.....	662	700	675	518	470	498	714	685	700
Thailand.....	222	150	55	254	256	349	118	80	40
Turkey.....	1,738	1,575	1,350	474	559	645	1,710	1,835	1,815
<b>Total<sup>4</sup></b> .....	<b>40,556</b>	<b>40,495</b>	<b>40,260</b>	<b>204</b>	<b>217</b>	<b>213</b>	<b>17,208</b>	<b>18,276</b>	<b>17,835</b>
<b>World total<sup>4</sup></b> .....	<b>79,258</b>	<b>80,534</b>	<b>79,177</b>	<b>310</b>	<b>308</b>	<b>312</b>	<b>51,167</b>	<b>51,685</b>	<b>51,496</b>
<b>Foreign Free World<sup>4</sup></b> .....	<b>49,780</b>	<b>50,616</b>	<b>48,749</b>	<b>230</b>	<b>246</b>	<b>230</b>	<b>23,853</b>	<b>25,858</b>	<b>23,408</b>
<b>Communist countries<sup>4</sup></b> .....	<b>18,402</b>	<b>18,800</b>	<b>19,280</b>	<b>409</b>	<b>403</b>	<b>444</b>	<b>15,077</b>	<b>15,815</b>	<b>17,815</b>

See footnotes on page 61.

Table 88.—Cotton: Supply and distribution, United States, 1960-70

Year beginning August	Supply					Distribution				
	Carryover, be- ginning of season		Ginnings in season <sup>1</sup>	Im- ports <sup>2</sup>	Total supply	Consumption		Ex- ports <sup>3</sup>	Carryover, end of season	
	Foreign	Total				Foreign	Total		Foreign	Total
	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>
1960.....	37	7,559	14,416	157	22,132	93	8,379	6,632	41	7,228
1961.....	41	7,228	14,448	158	21,834	112	8,954	4,915	42	7,831
1962.....	42	7,831	14,889	137	22,857	103	8,419	3,351	93	11,216
1963.....	93	11,216	15,209	113	26,628	99	8,609	5,662	72	12,378
1964.....	72	12,378	15,246	89	27,713	89	9,171	4,060	67	14,291
1965.....	67	14,291	14,860	104	29,255	91	9,497	2,942	82	16,862
1966.....	62	16,862	9,859	76	26,797	87	9,485	4,069	58	12,533
1967.....	58	12,533	7,215	145	19,893	95	8,982	4,206	46	6,448
1968.....	46	6,448	11,030	66	17,544	75	8,242	2,731	31	6,521
1969.....	31	6,521	9,903	49	16,473	41	7,991	2,768	27	5,760
1970 <sup>5</sup>	27	5,760								

<sup>1</sup> Ginnings during the 12 months, Aug. 1-July 31. Includes an allowance for "city crop" which consists of rebaled samples and pickings from cotton damaged by fire and weather.

<sup>2</sup> Total imports minus re-exports.

<sup>3</sup> Total exports minus re-imports.

<sup>4</sup> Domestic in running bales, and foreign in equivalent bales of 500 pounds.

<sup>5</sup> Preliminary.

Consumer and Marketing Service. Compiled from reports of the U.S. Department of Commerce. Data for 1944-59 in *Agricultural Statistics, 1967*, table 89.

Table 89.—Cotton: Mill consumption, by growths, United States, 1960-69

Year beginning August	Domestic			Foreign					All growth
	Upland <sup>1</sup>	American Pima <sup>2</sup>	Total	Egyptian	Peruvian	Indian	Other	Total	
	<i>Bales <sup>3</sup></i>	<i>Bales <sup>3</sup></i>	<i>Bales <sup>3</sup></i>	<i>Bales <sup>3</sup></i>	<i>Bales <sup>3</sup></i>	<i>Bales <sup>3</sup></i>	<i>Bales <sup>3</sup></i>	<i>Bales <sup>3</sup></i>	
1960.....	8,083,942	75,156	8,159,098	60,019	12,214	( <sup>4</sup> )	21,129	93,362	8,262,460
1961.....	8,962,958	96,563	8,959,521	57,266	18,465	( <sup>4</sup> )	35,779	111,510	9,071,031
1962.....	8,198,178	89,898	8,288,076	49,198	20,927	( <sup>4</sup> )	32,695	102,820	8,390,896
1963.....	8,384,199	70,965	8,455,164	49,661	19,178	( <sup>4</sup> )	29,914	98,753	8,553,917
1964.....	9,000,053	81,336	9,081,389	48,933	22,037	( <sup>4</sup> )	18,506	89,476	9,170,865
1965.....	9,337,728	67,687	9,405,415	47,319	( <sup>4</sup> )	18,201	25,863	91,383	9,496,798
1966.....	9,297,954	64,077	9,362,031	44,626	( <sup>4</sup> )	16,304	25,872	86,802	9,448,833
1967.....	8,928,073	82,571	8,975,644	55,692	( <sup>4</sup> )	19,281	20,809	95,482	9,071,126
1968.....	8,066,550	73,392	8,139,942	38,699	( <sup>4</sup> )	22,218	13,748	74,665	8,214,607
1969.....	7,837,622	86,154	7,923,776	13,988	( <sup>4</sup> )	15,765	11,113	40,866	7,964,642

<sup>1</sup> Includes sea island cotton.

<sup>2</sup> Name changed from "American-Egyptian," effective July 1, 1970.

<sup>3</sup> Domestic in running bales, counting round as half bales, and foreign in equivalent bales of 500 pounds.

<sup>4</sup> Not reported separately; shown under "Other."

Consumer and Marketing Service. Compiled from reports of the U.S. Department of Commerce. Data for 1944-59 in *Agricultural Statistics, 1967*, table 90.

Table 90.—Cotton, American upland: Carryover, ginnings, supply, and disappearance, by grade, United States, 1960-70

Year beginning August	White <sup>1</sup>				Light Spotted			All Spotted	Other colored <sup>2</sup>	All grades <sup>3</sup>
	Strict Mid- dling and higher	Mid- dling	Strict Low Mid- dling	Low Mid- dling and lower	Strict Mid- dling and higher	Mid- dling	Strict Low Mid- dling and lower			
Carryover:	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>	1,000 bales <sup>4</sup>
1960.....	1,332	2,997	1,225	379	440	469	217	160	171	7,390
1961.....	801	2,095	1,084	288	806	1,294	327	195	188	7,078
1962.....	1,364	2,861	1,121	403	387	650	362	297	280	7,725
1963.....	775	2,397	2,032	874	893	2,103	1,340	441	150	11,005
1964.....	989	2,747	2,080	788	827	2,068	1,561	842	183	12,110
1965.....	808	2,787	3,001	1,162	802	2,249	1,678	1,182	294	14,018
1966.....	445	1,963	2,418	1,214	765	3,772	3,828	1,857	302	16,565
1967.....	244	1,412	1,934	595	464	2,685	2,637	1,999	300	12,370
1968.....	128	876	1,290	496	146	1,107	960	1,002	221	6,246
1969.....	122	1,237	2,192	843	36	652	767	374	124	6,347
1970.....	105	1,127	1,977	738	66	576	815	144	87	5,635
Ginnings:										
1960.....	1,099	3,909	3,631	1,275	421	1,649	1,366	333	516	14,199
1961.....	1,663	4,676	2,483	848	483	1,668	1,429	459	554	14,263
1962.....	769	3,501	4,055	1,502	221	1,649	2,303	418	386	14,754
1963.....	919	3,782	4,462	1,637	221	1,989	1,376	256	287	15,129
1964.....	506	3,124	4,890	2,109	98	1,471	1,855	531	368	15,032
1965.....	319	2,791	4,931	2,050	73	1,694	2,282	356	351	14,847
1966.....	126	1,569	2,797	920	33	1,060	1,911	826	249	9,491
1967.....	91	1,378	2,580	680	33	973	1,080	389	166	7,370
1968.....	117	1,763	4,315	1,500	25	1,012	1,626	329	151	10,838
1969.....	54	1,416	3,905	1,422	6	498	1,908	371	280	9,860
Supply:										
1960.....	2,431	6,906	4,856	1,654	861	2,118	1,583	493	687	21,580
1961.....	2,464	6,771	3,567	1,136	1,289	2,962	1,756	654	742	21,341
1962.....	2,133	6,362	5,176	1,905	608	2,299	2,065	715	616	22,479
1963.....	1,694	6,179	6,494	2,511	1,114	4,092	2,916	697	437	26,134
1964.....	1,555	5,871	6,960	2,897	925	3,564	3,446	1,373	551	27,142
1965.....	1,187	5,577	7,933	3,212	875	3,943	3,966	1,538	645	28,866
1966.....	571	3,532	5,216	2,134	799	4,832	5,738	2,683	551	26,066
1967.....	335	2,790	4,515	1,276	496	3,658	3,717	2,387	467	19,641
1968.....	248	2,639	5,066	1,986	170	2,119	2,616	1,331	372	17,085
1969.....	176	2,654	6,098	2,265	41	1,150	2,674	745	404	16,207
Disappearance:										
1960.....	1,630	4,811	3,772	1,366	55	824	1,256	298	499	14,511
1961.....	1,100	3,910	2,446	733	902	2,312	1,394	357	462	13,616
1962.....	1,358	3,965	3,144	1,031	-285	196	1,325	274	466	11,474
1963.....	705	3,432	4,414	1,723	287	1,999	1,355	-145	254	14,024
1964.....	687	3,084	3,959	1,735	123	1,315	1,773	191	257	13,124
1965.....	742	3,613	5,514	1,968	109	172	128	-319	343	12,300
1966.....	327	2,120	3,282	1,538	336	2,147	3,101	684	251	13,786
1967.....	207	1,915	3,222	790	351	2,559	2,727	1,396	246	13,394
1968.....	124	1,402	3,413	1,143	135	1,467	1,849	987	245	10,738
1969.....	71	1,527	4,121	1,527	-24	574	1,859	600	317	10,572

<sup>1</sup> "Plus" grades of White included with straight grades.<sup>2</sup> Includes all grades of Tinged, Stained, Light Gray, Gray, and Below Grade.<sup>3</sup> U.S. Department of Commerce.<sup>4</sup> Running bales.<sup>5</sup> Carryover at the beginning of the season plus ginnings.<sup>6</sup> Supply minus carryover at the end of the season.<sup>7</sup> Negative disappearance reflected in total.Consumer and Marketing Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 91.

Table 91.—Cotton, American upland: Carryover, ginnings, supply, and disappearance of American upland, by staple lengths, United States, 1960-70

Year beginning August	1 $\frac{1}{8}$ inch and shorter <sup>1</sup>	1 $\frac{3}{8}$ inch	1 $\frac{5}{8}$ inch	1 and 1 $\frac{1}{8}$ inches	1 $\frac{1}{8}$ and 1 $\frac{1}{2}$ inches	1 $\frac{1}{4}$ and 1 $\frac{3}{4}$ inches	1 $\frac{1}{2}$ and 1 $\frac{1}{4}$ inches	1 $\frac{1}{4}$ inches and longer	All staple lengths <sup>2</sup>
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
<b>Carryover:</b>									
1960.....	6	185	1,239	2,279	3,417	240	21	3	7,390
1961.....	1	45	552	3,030	3,274	166	9	1	7,078
1962.....	3	198	1,177	2,154	3,796	373	17	5	7,725
1963.....	2	633	2,220	3,189	4,730	219	8	4	11,005
1964.....	13	1,400	2,273	4,253	4,017	142	9	3	12,110
1965.....	25	1,340	2,973	4,370	4,820	238	14	2	14,018
1966.....	25	2,074	3,634	5,790	4,493	343	12	4	16,565
1967.....	8	1,179	3,733	4,343	2,744	323	35	5	12,270
1968.....	9	490	1,691	1,641	2,002	372	32	9	6,246
1969.....	0	73	748	1,281	3,317	898	26	4	6,347
1970.....	2	58	269	1,001	3,742	530	29	4	5,635
<b>Ginnings:</b>									
1960.....	2	340	3,031	4,095	6,222	368	4	2	14,199
1961.....	2	591	3,261	3,075	6,829	491	9	5	14,253
1962.....	3	778	3,061	3,645	6,843	408	10	6	14,754
1963.....	17	1,419	2,436	4,199	6,707	332	17	2	15,129
1964.....	49	1,196	2,194	4,338	6,820	430	4	1	15,034
1965.....	9	1,042	2,947	3,555	6,850	418	7	10	14,849
1966.....	8	735	1,814	1,642	4,888	346	38	20	9,491
1967.....	2	382	1,321	1,109	3,807	672	51	26	7,370
1968.....	1	126	1,609	1,707	5,676	1,771	38	10	10,838
1969.....	7	549	1,128	1,690	5,894	678	13	1	9,860
<b>Supply:</b>									
1960.....	8	525	4,270	6,374	9,689	743	25	5	21,589
1961.....	3	636	3,813	6,105	10,103	657	18	6	21,341
1962.....	6	976	4,238	5,799	10,641	781	27	11	22,479
1963.....	20	2,053	4,656	7,388	11,435	552	25	5	26,134
1964.....	63	2,596	4,467	8,591	10,837	572	13	4	27,142
1965.....	35	2,383	5,920	8,132	11,688	676	20	12	28,866
1966.....	33	2,808	5,647	7,433	9,372	689	51	23	26,056
1967.....	10	1,561	5,055	5,353	6,560	995	86	31	19,641
1968.....	9	615	3,200	3,848	7,680	2,143	70	20	17,085
1969.....	8	622	1,575	2,871	9,211	1,576	39	5	16,307
<b>Disappearance:</b>									
1960.....	7	490	3,718	3,344	6,365	577	16	4	14,511
1961.....	0	438	2,636	3,951	6,305	284	1	1	13,616
1962.....	4	343	2,018	2,610	5,911	592	19	7	11,474
1963.....	7	652	2,383	3,135	7,419	410	16	2	14,024
1964.....	37	1,255	1,494	4,015	6,008	314	-1	2	18,124
1965.....	10	310	2,067	2,940	7,263	353	8	9	12,300
1966.....	24	1,629	1,914	3,189	6,629	367	16	18	15,786
1967.....	1	1,071	3,364	3,712	4,547	623	54	22	13,394
1968.....	9	542	2,452	2,067	4,363	1,245	44	16	10,738
1969.....	6	564	1,607	1,870	5,468	1,046	10	1	10,572

<sup>1</sup> Includes "no staple" and "perished staple."<sup>2</sup> U.S. Department of Commerce.<sup>3</sup> Running bales.<sup>4</sup> Carryover at the beginning of the season plus ginnings.<sup>5</sup> Supply minus carryover at the end of the season.<sup>6</sup> Negative disappearance reflected in total.Consumer and Marketing Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 92.



Table 92.—Cotton, American Pima:<sup>1</sup> Carryover and ginnings, by grade and staple length, United States, 1960-70

Year beginning August	Grade					Staple length (inches)					All grades and all lengths (%)
	1 and 2	3 and 4	5 and 6	7 and 8	9 and 10	1 1/4 and shorter	1 1/4	1 1/4	1 1/4	1 1/4 and longer	
Carryover:	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>
1960	28.4	89.5	10.7	2.9	1.8	2.3	53.8	72.3	4.3	0.6	133.3
1961	15.6	85.1	8.4	.3	.1	.5	38.4	61.3	7.8	1.5	109.5
1962	26.5	34.6	1.3	1.1	.6	4.6	8.0	45.8	5.4	.3	64.1
1963	30.8	71.8	11.0	2.7	1.4	2.0	32.4	69.8	13.1	.4	117.7
1964	25.9	144.1	17.1	6.0	2.6	15.5	151.4	24.0	4.8	(*)	195.7
1965	30.8	146.4	21.5	4.8	1.6	7.2	179.7	16.3	1.4	.5	205.1
1966	10.6	132.2	81.4	9.5	1.8	20.9	162.4	45.6	6.6	(*)	235.5
1967	36.4	136.3	27.8	4.3	.3	8.0	151.8	13.3	31.8	.2	205.1
1968	27.0	101.1	21.7	4.4	1.4	3.3	77.4	45.8	28.8	.3	155.6
1969	17.6	102.6	18.8	2.8	.7	5.8	109.1	19.1	8.5	(*)	142.5
1970	9.1	55.0	27.5	5.2	.9	4.5	80.2	8.8	4.1	4.1	97.7
Ginnings:	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>	1,000 bales <sup>2</sup>
1960	12.1	47.8	5.1	.6	.4	1.0	25.9	39.1	(*)	-----	66.0
1961	8.7	43.3	6.5	1.6	1.0	2.7	28.4	30.0	(*)	-----	61.1
1962	17.5	75.6	10.9	3.8	2.0	4.2	76.5	29.1	(*)	-----	109.8
1963	16.2	113.5	20.2	8.6	2.7	18.8	139.1	3.3	(*)	-----	161.2
1964	25.0	77.5	7.6	4.3	2.1	12.7	101.0	2.8	(*)	-----	116.5
1965	11.3	56.9	13.4	2.6	1.1	7.9	74.5	2.9	-----	-----	85.3
1966	11.9	46.9	9.7	2.1	.6	7.0	61.3	2.9	-----	-----	71.2
1967	8.2	46.7	8.9	2.7	1.8	5.5	50.0	12.8	-----	-----	68.3
1968	5.4	57.7	10.4	2.6	2.1	4.9	56.4	16.9	-----	-----	78.2
1969	4.4	45.6	21.5	3.8	1.5	4.3	80.6	11.9	-----	-----	76.8
1970	2.7	42.5	8.0	2.1	0.6	3.6	39.2	13.1	-----	-----	55.9

<sup>1</sup> Name changed from "American-Egyptian," effective July 1, 1970.<sup>2</sup> U.S. Department of Commerce. Totals include small quantities of sealand and sea island cotton.<sup>3</sup> Running bales.<sup>4</sup> Less than 50 bales.<sup>5</sup> Preliminary.Consumer and Marketing Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 93.

Table 93.—Cotton, upland: Grade index and average staple length of upland cotton ginned, United States, 1954-70

Year beginning August	Grade index <sup>1</sup>	Average staple <sup>2</sup>	Year beginning August	Grade index <sup>1</sup>	Average staple <sup>2</sup>
1954	95.6	32.2	1963	94.6	32.7
1955	93.2	32.6	1964	93.2	32.8
1956	96.0	32.7	1965	93.0	32.8
1957	91.7	32.6	1966	92.0	33.0
1958	96.7	32.8	1967	92.8	33.4
1959	95.8	32.8	1968	92.6	33.9
1960	95.4	32.9	1969	91.0	33.5
1961	95.7	32.9	1970	91.5	33.4
1962	93.9	32.8			

<sup>1</sup> Computed by weighting the quantity in each grade by the 1937-39 average price per pound for such grade of 1 1/4-inch staple. Converted to an index with Middling White equaling 100. For 1958 and subsequent years, constants for Plus, Light Spotted, and Light Gray set at mid-points between full grade weights.<sup>2</sup> Averages calculated on numerical equivalents of the staple-length designation. For example, 1/4 inch = 28, 1 1/4 inch = 29, etc. Averages are in terms of thirty-seconds of an inch.<sup>3</sup> Preliminary.Consumer and Marketing Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 94.

Table 94.—Cotton, upland: Grade index and average staple length of upland cotton ginned, by States, 1966-70

State	Grade index <sup>1</sup>					Average staple length (32ds of an inch) <sup>2</sup>				
	1966	1967	1968	1969	1970 <sup>3</sup>	1966	1967	1968	1969	1970 <sup>3</sup>
Missouri.....	92.5	90.7	94.0	93.2	91.4	34.6	34.4	34.7	34.4	34.0
Virginia.....	89.9					33.8				
North Carolina.....	91.6	91.2	91.4	88.5	88.4	33.8	34.3	33.8	34.2	33.9
South Carolina.....	91.7	92.2	91.3	87.3	87.6	34.0	34.6	34.5	34.5	34.1
Georgia.....	89.8	91.9	91.1	86.1	86.7	33.2	33.7	33.9	33.5	33.3
Florida.....	91.0	90.5	91.2	89.0	86.0	32.9	33.5	33.9	33.6	33.3
Tennessee.....	93.2	91.0	93.0	93.1	91.6	34.0	34.1	33.8	33.7	33.8
Alabama.....	92.2	89.5	93.0	91.1	90.1	33.2	33.3	33.7	33.6	33.5
Mississippi.....	94.0	92.8	92.0	92.4	89.6	34.2	34.5	34.6	34.5	34.4
Arkansas.....	91.0	90.1	92.7	92.5	90.1	34.5	34.4	34.6	34.6	34.3
Louisiana.....	94.3	94.5	93.7	94.7	91.6	33.8	34.0	34.3	34.2	34.1
Oklahoma.....	89.7	92.9	90.4	91.3	91.6	30.8	31.0	32.1	31.5	31.4
Texas.....	90.1	93.0	92.2	87.0	91.3	30.8	31.7	32.2	31.5	31.4
New Mexico.....	96.6	96.1	96.2	93.7	95.3	36.2	36.3	36.2	36.1	36.0
Arizona.....	91.9	93.6	95.3	93.4	96.0	33.6	34.0	34.7	34.0	34.2
California.....	94.7	93.6	92.4	94.6	96.3	34.4	35.1	35.7	34.9	35.3
All other.....	96.2	95.5	96.4	95.3	94.2	35.3	36.4	35.2	34.9	34.6
United States.....	92.0	92.8	92.6	91.0	91.5	33.0	33.4	33.9	33.5	33.4

<sup>1</sup> Computed by weighting the quantity in each grade by the 1937-39 average price per pound for such grade of  $\frac{1}{8}$ -inch staple. Converted to an index with Middling White equaling 100.

<sup>2</sup> Preliminary.

<sup>3</sup> Average calculated on numerical equivalents of the staple-length designations. For example,  $\frac{1}{8}$ -28,  $\frac{1}{8}$ -29, etc.

Consumer and Marketing Service.

Table 95.—Cotton: International trade, average 1960-64, crop years 1967-69<sup>1</sup>

Country	Average 1960-64		1967		1968		1969 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports	Exports	Imports
Principal exporting countries:								
Nicaragua.....	1,000 328	1,000 0	1,000 429	1,000 0	1,000 452	1,000 0	1,000 271	1,000 0
Mexico.....	1,000 1,006	1,000 1	1,000 1,239	2	1,000 1,631	2	1,000 1,227	3
United States.....	5,063 135	1,000 0	4,361 149	2,825	68	2,878	51	
Brazil.....	950 524	0	836 253	0	1,765 376	0	1,900 0	0
Peru.....	1,710 459	710	2,300 549	500	2,400 460	700	2,000 0	1,200
U.S.S.R.....								
British East Africa.....	46	6	0	20	0	0	15	0
Congo (Kinshasa).....								
United Arab Republic.....	1,399	0	1,171	0	1,087	0	1,463	0
Sudan.....	610	0	794	0	845	0	1,081	0
Pakistan.....	480	13	887	18	574	1	393	20
Syria.....	573	0	491	0	549	0	594	0
Turkey.....	535	0	1,040	0	953	0	1,138	0
Total.....	14,283	865	14,580	689	13,920	771	13,945	1,274
Principal importing countries:								
Canada.....	3	385	0	361	0	347	0	333
Austria.....	0	120	1	99	0	96	0	107
Belgium and Luxembourg.....	5	355	3	298	4	302	5	316
France.....	5	1,263	2	1,085	6	1,145	5	1,098
Germany, West.....	60	1,352	73	1,331	85	1,127	70	1,195
Italy.....	8	981	0	964	0	986	0	1,038
Netherlands.....	6	365	95	372	42	286	11	266
Poland and Danzig.....	1	617	0	624	0	668	0	551
Portugal.....	0	342	0	360	0	426	0	410
Spain.....	37	180	60	160	0	312	10	187
Sweden.....	0	105	2	87	5	64	5	56
Switzerland.....	2	197	0	186	0	211	5	197
United Kingdom.....	11	1,062	0	902	0	778	0	743
Hong Kong.....	1	537	0	760	0	777	0	721
India.....	240	709	171	644	137	377	165	722
Japan.....	0	3,206	0	3,499	6	3,131	0	3,448
Total.....	379	11,806	407	11,762	285	11,063	276	11,408

<sup>1</sup> Crop year beginning Aug. 1.

<sup>2</sup> Preliminary.

<sup>3</sup> 480 pounds net.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 96.—Cotton: United States exports by country of destination, average 1960-64, annual 1968 and 1969

Country of destination	Year beginning August			Country of destination	Year beginning August		
	Average 1960-64	1968	1969		Average 1960-64	1968	1969
	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>		1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>	1,000 bales <sup>1</sup>
Austria.....	24	0	0	Australia.....	63	0	( <sup>2</sup> )
Belgium and Luxembourg.....	124	30	19	Canada.....	369	116	191
Denmark.....	15	1	( <sup>2</sup> )	Chile.....	19	( <sup>2</sup> )	1
Finland.....	18	3	7	Colombia.....	3	( <sup>2</sup> )	( <sup>2</sup> )
France.....	330	91	31	Cuba.....	( <sup>2</sup> )	0	0
Germany, West.....	277	32	27	Ethiopia.....	9	9	1
Italy.....	366	65	49	Hong Kong.....	150	201	64
Netherlands.....	113	20	19	India.....	324	176	266
Norway.....	13	5	1	Indonesia.....	42	110	253
Poland and Danzig.....	131	112	54	Israel.....	16	1	( <sup>2</sup> )
Portugal.....	22	9	2	Japan.....	1,216	557	652
Spain.....	76	5	4	Korea, Republic of.....	267	459	471
Sweden.....	83	53	39	Pakistan.....	14	1	17
Switzerland.....	77	33	16	Philippines.....	126	123	152
United Kingdom.....	251	49	39	South Africa, Republic of.....	47	9	8
Yugoslavia.....	117	56	0	China (Taiwan).....	211	264	198
Other Europe.....	17	7	51	Thailand.....	35	68	57
Total Europe.....	2,044	571	358	Uruguay.....	6	0	0
				Other countries.....	107	160	189
				Total.....	5,068	2,825	2,878

<sup>1</sup> 480 pounds net.<sup>2</sup> Less than 500 bales.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 97.—Cotton and cotton linters: United States imports for consumption, by country of origin, average 1960-64, annual 1968 and 1969

Country of origin	Year beginning August			Country of origin	Year beginning August		
	Average 1960-64	1968	1969		Average 1960-64	1968	1969
	Bales <sup>1</sup>	Bales <sup>1</sup>	Bales <sup>1</sup>		Bales <sup>1</sup>	Bales <sup>1</sup>	Bales <sup>1</sup>
Cotton, raw:				Cotton, linters:			
United Arab Republic.....	60,553	17,384	11,343	Guatemala.....	9,693	4,202	4,407
India.....	13,781	10,883	9,417	Mexico.....	11,052	4,836	2,115
Mexico.....	24,318	18,255	18,519	Nicaragua.....	83,383	98,324	72,768
Pakistan.....	6,596	5,952	1,470	U.S.S.R.....	2,027	8,656	6,671
Peru.....	22,126	8,519	6,539	Other countries.....	26,149	7,353	1,547
Other countries.....	6,799	6,590	4,658	Total.....	33,329	14,510	55,945
Total.....	134,473	67,583	51,946				

<sup>1</sup> 480 pounds net.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 98.—Cotton, American upland: Percentage distribution of micronaire readings, by specified groups, United States, 1963-70

Year beginning August	Micronaire groups						
	2.6 and below	2.7 to 2.9	3.0 to 3.2	3.3 to 3.4	3.5 to 4.9	5.0 to 5.2	5.3 and above
	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1963.....	0.8	2.5	5.1	4.0	80.0	6.0	1.6
1964.....	.8	1.9	4.9	4.5	76.8	7.9	3.2
1965.....	1.7	4.0	6.4	4.3	73.6	7.5	2.5
1966.....	2.2	4.5	6.6	4.2	66.7	10.9	4.9
1967.....	2.4	6.1	9.8	6.5	69.6	4.6	1.0
1968.....	1.1	3.3	6.2	4.4	78.5	7.0	1.5
1969.....	.8	1.5	3.0	2.5	76.9	11.4	3.8
1970 <sup>1</sup> .....	.3	1.1	2.9	2.6	83.6	7.6	1.7

<sup>1</sup> Preliminary.

Consumer and Marketing Service.

Table 99.—Cotton, American upland: Spot prices in cents per pound for specified grades of one-inch staple, 1960-69<sup>1</sup>

Year beginning August	White				Light Spotted			Spotted	
	Strict Middling	Middling	Strict Low Middling	Low Middling	Strict Middling	Middling	Strict Low Middling	Strict Middling	Middling
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1960.....	31.51	30.96	28.83	27.31	29.80	28.71	27.32	28.21	26.90
1961.....	34.25	33.67	32.34	31.03	32.90	32.21	31.01	31.42	30.45
1962.....	34.06	33.52	31.93	30.40	32.70	31.88	30.43	30.76	28.78
1963.....	33.64	33.18	31.58	30.02	32.35	31.58	30.13	30.29	28.38
1964.....	31.20	30.73	29.15	27.67	29.90	29.16	27.71	27.78	26.90
1965.....	30.07	29.60	27.94	26.41	28.73	27.97	26.55	26.54	25.81
1966.....	22.51	22.08	20.25	18.71	21.11	20.32	18.93	18.86	18.20
1967.....	25.38	24.83	22.97	21.25	23.90	23.01	21.42	21.25	20.57
1968.....	23.38	22.90	20.73	19.16	21.97	21.00	19.34	19.46	18.77
1969.....	22.53	22.15	20.45	19.05	21.37	20.66	19.40	19.48	18.92

<sup>1</sup> Averages for the designated spot markets.Consumer and Marketing Service. Data for 1954-59 in *Agricultural Statistics, 1967*, table 100.Table 100.—Cotton, American upland: Spot prices in cents per pound for specified staple lengths of Middling, 1960-69<sup>1</sup>

Year beginning August	7/8 inch	7/8 inch	7/8 inch	7/8 inch	1 inch	1 1/8 inches	1 1/8 inches	1 1/8 inches
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1960.....	28.16	28.70	29.43	30.20	30.96	31.71	32.43	32.82
1961.....	31.43	31.89	32.43	33.02	33.67	34.46	35.08	35.44
1962.....	31.30	31.76	32.26	32.82	33.52	34.33	34.93	35.28
1963.....	30.58	31.35	31.85	32.42	33.18	34.00	34.88	35.06
1964.....	28.44	28.91	29.59	29.96	30.73	31.69	32.40	32.94
1965.....	27.25	27.73	28.19	28.79	29.60	30.61	31.46	32.09
1966.....	19.22	19.69	20.20	20.84	22.08	23.22	24.73	25.40
1967.....	19.22	19.71	20.53	22.06	24.83	28.22	30.60	31.48
1968.....	18.68	19.22	20.09	21.10	22.90	24.89	26.93	27.52
1969.....	18.92	19.37	20.15	20.97	22.15	23.49	25.10	25.57

<sup>1</sup> Averages for the designated spot markets.Consumer and Marketing Service. Data for 1954-59 in *Agricultural Statistics, 1967*, table 101.Table 101.—Cotton, American upland: High, low, and season average spot price per pound for the base quality, 1960-69<sup>1</sup>

Season beginning August	Middling 1 inch			Season beginning August	Middling 1 inch		
	Average	High	Low		Average	High	Low
	Cents	Cents	Cents		Cents	Cents	Cents
1960.....	30.96	32.91	30.09	1965.....	29.60	30.27	29.41
1961.....	33.67	34.18	32.94	1966.....	22.08	22.65	21.82
1962.....	33.52	34.16	32.95	1967.....	24.83	27.13	22.64
1963.....	33.18	33.42	31.78	1968.....	22.90	25.11	21.87
1964.....	30.73	31.71	30.27	1969.....	22.15	23.01	21.39

<sup>1</sup> Averages for the designated spot markets.Consumer and Marketing Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 102.

Table 102.—Cotton, American upland: Spot price per pound for the base quality in designated markets, 1960-69<sup>1</sup>

Market	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Greenville.....	31.47	34.23	34.23	33.76	31.29	29.90	22.29	25.13	23.55	22.70
Charleston.....	31.42	34.08	34.02	33.59	31.21	29.88	22.25	25.47	23.60	22.93
Augusta.....	31.46	34.39	34.20	33.67	31.18	29.90	22.21	25.66	23.56	22.54
Atlanta.....	31.23	34.16	34.12	33.58	31.14	30.21	22.37	25.08	23.55	22.37
Montgomery.....	31.32	34.18	34.08	33.57	31.12	30.24	22.31	25.08	23.55	22.37
New Orleans.....	30.55	33.39	33.17	32.82	30.37	29.35	21.91			
Little Rock.....	30.85	33.62	33.35	33.07	30.80	29.49	22.04	24.71	23.19	22.13
Memphis.....	31.08	33.66	33.46	33.10	30.66	29.45	22.10	25.32	23.09	22.28
Greenwood.....	30.99	33.63	33.59	33.32	30.86	29.69	22.19	24.54	23.04	22.11
Galveston.....	30.68	33.35	33.31	32.93	30.37	29.38	22.02			
Dallas.....	30.52	33.36	33.31	32.73	30.29	29.25	21.84	24.47	22.34	21.93
Houston.....	30.54	33.27	33.30	32.80	30.27	29.35	21.96	24.37	22.50	21.83
Lubbock.....	30.17	32.94	32.98	32.53	30.18	29.06	21.84	23.92	22.28	21.91
Phoenix <sup>2</sup> .....			32.38	32.28	29.99	28.90	21.53	23.89	21.95	21.43
Fresno.....	31.16	33.12	33.37	33.89	31.15	30.01	22.37	22.42	22.25	21.52
Average.....	30.96	33.67	33.52	33.18	30.73	29.60	22.08	24.83	22.90	22.15

<sup>1</sup> Year beginning August. Average of monthly averages. Prices are for Middling 1 inch.<sup>2</sup> Designated August 1962.

Consumer and Marketing Service.

Table 103.—Cotton: Average cost per 500-pound gross weight bale to farmers for ginning cotton (including bagging and ties), by States, 1960-69<sup>1</sup>

Kind of cotton and State	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Upland:										
Missouri.....	18.52	19.87	19.77	19.52	19.40	18.82	20.70	20.48	20.73	19.47
Virginia.....	9.58	12.00	11.99	12.21	12.38	12.44	13.25			
North Carolina.....	12.45	13.54	13.57	13.73	14.46	15.02	14.99	15.08	17.77	16.85
South Carolina.....	12.78	13.78	14.17	14.25	14.18	14.84	14.95	15.37	17.07	16.40
Georgia.....	12.61	13.37	13.28	13.50	13.63	13.79	14.08	13.65	14.26	14.09
Florida.....	13.23	14.24	13.44	15.86	14.48	14.04	14.40	14.31	14.34	14.59
Tennessee.....	14.30	15.42	15.71	15.28	15.50	15.00	18.59	18.42	17.62	17.51
Alabama.....	11.79	12.24	12.44	12.72	12.77	13.26	13.55	13.36	14.32	14.72
Mississippi.....	13.42	14.47	14.69	14.76	14.50	15.19	15.91	16.08	16.07	16.96
Arkansas.....	16.26	17.67	17.71	17.20	17.62	17.88	18.31	18.00	18.49	19.23
Louisiana.....	15.31	15.89	16.31	16.01	16.63	16.53	17.29	17.48	17.17	17.49
Oklahoma.....	17.26	19.87	19.79	19.20	20.10	19.13	20.70	19.25	19.39	19.49
Texas.....	16.17	17.94	18.27	18.11	17.96	18.84	19.65	19.48	19.86	20.07
New Mexico.....	14.97	17.06	17.36	17.65	17.78	19.84	20.27	19.21	19.41	19.24
Arizona.....	17.08	18.23	18.38	19.48	18.76	18.79	20.78	20.64	20.08	21.82
California.....	16.30	17.84	18.56	18.58	19.05	18.82	19.41	21.36	21.44	22.31
All upland cotton.....	15.42	16.83	17.08	16.80	16.78	17.30	18.25	18.60	18.64	19.15
American Pima <sup>2</sup> .....	26.28	28.76	28.72	27.06	26.30	28.55	27.09	28.13	29.23	33.35

<sup>1</sup> Crop year beginning Aug. 1. Includes bagging and ties, drying of seed cotton, and use of lint cleaners.<sup>2</sup> Name changed from "American-Egyptian," effective July 1, 1970.

Consumer and Marketing Service and Economic Research Service.

Table 104.—Cotton: Average spot price per pound in specified foreign countries, 1963-70<sup>1</sup>

Market and description	Year beginning August							
	1963	1964	1965	1966	1967	1968	1969	1970
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Alexandria, Egypt: Giza 66, G/FG <sup>2</sup> .....	30.44	34.70	29.28	28.45	32.13	36.00	35.31	34.11
Alexandria, Egypt: Menoufi, G/FG <sup>2</sup> .....	37.15	41.70	38.62	40.00	44.37	50.23	50.54	48.62
Bombay, India: Vidarbha, Fine <sup>3</sup> .....	25.13	25.30	27.28	22.79	24.14	24.58	27.00	(4)
Karachi, Pakistan: 289F Sind, S.G., Fine.....	22.25	26.54	24.41	22.09	23.37	26.05	26.07	(4)
Karachi, Pakistan: 4F Punjab R.G., Fine.....	19.62	23.74	21.62	19.15	18.78	22.42	22.79	(4)
Lima, Peru: Tanguis, Type 5.....	29.80	28.08	25.39	28.73	27.73	24.18	24.61	28.70
Lima, Peru: Pima, Type 1.....	34.91	35.37	33.39	35.73	39.00	40.32	41.13	39.92
Sao Paulo, Brazil: Type 5.....	14.89	19.82	20.99	21.08	25.19	20.91	21.44	28.78
Matamoros, Mexico: Middling 1½ <sup>4</sup> .....	25.63	25.05	24.09	24.54	26.53	23.46	23.77	27.06

<sup>1</sup> All prices are averages of 52 weekly quotations except 1970, which is for 30 weeks. Export taxes are excluded except for Matamoros.

<sup>2</sup> Egyptian Cotton Commission official export selling prices since May 31, 1962. Giza 66 replaced Ashmouni Aug. 5, 1965; Menoufi replaced Karnak July 9, 1964.

<sup>3</sup> Jarila Fine prior to Sept. 2, 1965.

<sup>4</sup> Not quoted.

<sup>5</sup> Matamoros District cotton in standard density bales ex-warehouse Brownsville, Texas, gross weight basis. Tampico-Altamira (M 1½<sup>4</sup>) replaced Matamoros (M 1½<sup>4</sup>) June 22, 1967. Since June 1967, Mexican crop-price quotations periodically switch to other areas of greater current market activity.

Foreign Agricultural Service. Data for 1954-62 in *Agricultural Statistics, 1967*, table 105.

Table 105.—Cotton linters: Supply, distribution, and season average price, United States, 1960-70

Year beginning August	Supply				Distribution		Price per pound <sup>1</sup>		
	Stocks Aug. 1	Production	Imports	Total	Consumption	Exports	Felting linters		Chemical grade
							High grade	Medium grade	
	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>1,000 bales<sup>2</sup></i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1960.....	465	1,582	124	2,171	1,281	339	7.95	5.82	3.30
1961.....	468	1,627	183	2,278	1,338	250	8.30	6.66	4.92
1962.....	576	1,646	113	2,335	1,328	351	7.59	6.30	2.91
1963.....	550	1,598	164	2,312	1,358	322	7.90	6.24	2.57
1964.....	601	1,652	153	2,406	1,386	301	7.96	5.98	2.52
1965.....	671	1,580	193	2,444	1,453	283	7.77	5.89	3.13
1966.....	641	1,129	200	1,969	1,157	179	9.39	7.89	5.69
1967.....	637	883	129	1,650	1,090	176	9.28	7.26	4.38
1968.....	365	1,307	131	1,802	1,125	171	8.34	5.88	3.47
1969.....	432	1,176	142	1,750	1,128	184	6.68	4.55	2.78
1970 <sup>3</sup> .....	342	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Uncompressed in carload lots, f.o.b. mill points.

<sup>2</sup> Bales are running bales except imports, which are 500-pound bales; includes production at oil mills, gins, and other delinting plants. Beginning 1959, "Supply" items are principally in 600-pound gross weight bales and "Distribution" items are in running bales.

<sup>3</sup> Preliminary.

Consumer and Marketing Service. Supply and distribution figures compiled from reports of the U.S. Department of Commerce. Data for 1944-59 in *Agricultural Statistics, 1967*, table 107.

## FOOTNOTES FOR TABLE 105

<sup>1</sup> Estimates for Southern Hemisphere countries include unginned cotton.

<sup>2</sup> Includes cotton destroyed or unaccounted for.

<sup>3</sup> Bales of 480 pounds net (500 pounds gross).

<sup>4</sup> Running bales except imports, which are in bales of 480 pounds net.

<sup>5</sup> Ginning in season of 9,870,000 running bales plus city crop of 40,000 bales and 41,000 bales required to balance supply with distribution.

<sup>6</sup> Imports for consumption.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 106.—Cotton: Supply and distribution, by countries, 1969-70

Country	Beginning stocks Aug. 1 <sup>1</sup>	Produce- tion	Imports	Total supply	Con- sump- tion <sup>2</sup>	Exports	Ending stocks July 31 <sup>1</sup>	Total distribu- tion
	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>	1,000 bales <sup>3</sup>
<b>Exporting countries:</b>								
Mexico.....	684	1,750	3	2,437	686	1,227	594	2,437
Nicaragua.....	13	310	—	323	22	271	30	323
El Salvador.....	84	208	3	295	53	201	41	295
Guatemala.....	1	240	—	241	44	195	2	241
Argentina.....	519	640	40	1,199	480	90	629	1,199
Brazil.....	1,716	3,100	—	4,816	1,350	1,900	1,566	4,816
Colombia.....	135	590	4	729	319	325	85	729
Paraguay.....	17	75	—	92	25	53	14	92
Peru.....	391	390	—	781	80	344	357	781
Other Western Hemisphere.....	18	21	2	41	14	16	11	41
Angola.....	13	90	—	103	5	90	8	103
Chad.....	81	200	—	281	1	221	59	281
Central African Republic.....	50	85	—	135	2	85	48	135
Cameroon.....	8	140	—	148	—	110	38	148
Malawi.....	8	35	—	43	15	10	18	43
Rhodesia.....	115	240	—	355	50	140	165	355
Sudan.....	908	1,000	—	1,908	75	1,081	752	1,908
Uganda.....	124	390	—	514	45	335	134	514
United Arab Republic.....	312	2,500	—	2,812	875	1,463	474	2,812
Nigeria.....	120	400	—	520	179	100	241	520
Tanzania.....	34	325	—	359	30	298	31	359
Mozambique.....	159	200	—	359	25	175	159	359
Other Africa.....	65	393	20	478	175	239	64	478
Afghanistan.....	48	100	—	148	50	50	48	148
Burma.....	4	50	—	54	—	—	4	54
Iran.....	87	710	—	797	245	475	77	797
Israel.....	37	184	10	231	110	78	43	231
Pakistan.....	702	2,475	20	3,197	2,000	393	804	3,197
Syria.....	66	685	—	751	110	594	47	751
Turkey.....	492	1,835	—	2,327	822	1,138	367	2,327
Other Asia.....	22	87	—	109	51	35	23	109
Greece.....	112	510	50	672	229	294	149	672
Total "free world countries" above.....	7,145	19,958	152	27,255	8,217	12,026	7,012	27,255
United States <sup>4</sup> .....	6,521	9,951	51	16,523	7,995	2,768	5,760	16,523
U.S.S.R.....	1,100	8,900	—	11,200	8,000	2,000	1,200	11,200
Total exporting countries.....	14,766	38,809	1,403	54,978	24,212	16,794	13,972	54,978
<b>Importing countries:</b>								
Canada.....	63	—	333	396	370	—	26	396
Chile.....	12	—	135	147	130	—	17	147
Other Western Hemisphere.....	34	118	60	212	188	2	22	212
Austria.....	17	—	107	124	107	—	17	124
Belgium.....	112	—	316	428	315	5	108	428
Finland.....	74	—	62	136	62	—	74	136
France.....	267	—	1,098	1,365	1,114	5	246	1,365
Germany, West.....	372	—	1,195	1,567	1,115	70	382	1,567
Italy.....	333	8	1,058	1,399	1,015	—	384	1,399
Netherlands.....	51	—	266	317	280	11	26	317
Portugal.....	92	—	410	502	400	—	102	502
Spain.....	207	265	187	659	555	10	94	659
Sweden.....	54	—	56	110	62	5	43	110
Switzerland.....	148	—	197	345	205	8	135	345
United Kingdom.....	239	—	743	982	800	—	182	982
Yugoslavia.....	128	14	386	528	453	—	75	528
Other Europe.....	20	—	62	82	64	—	18	82
Australia.....	180	122	20	322	134	66	122	322
Hong Kong.....	150	—	721	871	755	—	116	871
India.....	1,862	5,100	722	7,714	5,625	165	1,924	7,714
Japan.....	330	—	3,448	4,287	3,360	—	927	4,287
Korea, Republic of.....	133	20	470	623	460	—	163	623
Philippines.....	27	—	175	202	165	—	37	202
China (Taiwan).....	206	10	435	651	440	—	211	651
Other Asia.....	132	85	464	681	533	5	143	681
Ethiopia.....	9	35	25	69	60	—	9	69
South Africa, Republic of.....	120	75	135	330	235	—	95	330
Other Africa.....	39	48	106	193	124	26	43	193
Total "free world countries" above.....	5,950	5,900	13,392	25,242	19,126	375	5,741	25,242
Communist importing countries.....	1,598	6,918	3,036	11,552	10,035	—	1,517	11,552
Total importing countries.....	7,548	12,818	16,428	36,794	29,161	375	7,258	36,794
Afloat.....	400	—	—	400	—	—	400	400
World total.....	22,714	51,627	17,831	92,172	53,373	17,169	21,630	92,172
Foreign Free World (all countries).....	13,095	25,858	13,544	52,497	27,343	12,401	12,753	52,497

See footnotes on page 71.

Table 107.—Cotton: Estimated world stocks, by principal surplus and deficit countries, 1966-70<sup>1</sup>

Country	Stocks on hand Aug. 1					Country	Stocks on hand Aug. 1				
	1966	1967	1968	1969 <sup>2</sup>	1970 <sup>3</sup>		1966	1967	1968	1969 <sup>2</sup>	1970 <sup>3</sup>
<b>Surplus countries:</b>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<b>Deficit countries:</b>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>	<i>1,000 bales</i>
United States <sup>4</sup> .....	16,802	12,533	6,448	6,521	5,760	Canada.....	126	120	91	63	26
Mexico.....	378	520	575	684	524	Belgium and Luxembourg.....	114	107	114	112	108
El Salvador.....	35	35	27	84	41	France.....	252	289	257	287	246
Nicaragua.....	7	91	92	13	30	Germany, West.....	322	331	455	372	382
Iran.....	35	53	52	87	77	Italy.....	293	378	354	333	384
Pakistan.....	295	492	550	702	804	Netherlands.....	87	101	94	51	26
Syria.....	58	36	25	66	47	Portugal.....	105	62	56	92	102
Turkey.....	180	200	235	492	367	Spain.....	200	153	75	207	94
Argentina.....	640	470	370	519	629	Sweden.....	46	53	63	54	43
Brazil.....	1,070	856	1,506	1,716	1,566	Switzerland.....	101	133	135	148	135
Peru.....	307	315	422	391	357	United Kingdom.....	260	197	273	259	182
Congo (Kinshasa).....	17	22	22	37	37	Yugoslavia.....	88	122	89	128	75
Tanzania, Kenya, and Uganda.....	130	79	88	160	167	Hong Kong.....	130	138	148	150	116
United Arab Republic.....	375	235	244	312	474	India.....	2,130	1,962	2,285	1,892	1,924
Sudan.....	575	725	771	908	752	Japan.....	698	1,013	1,176	839	927
Other countries <sup>5</sup> .....	2,141	2,327	1,955	2,074	2,340	Korea, Republic of.....	44	71	93	133	163
						Australia.....	90	84	158	180	122
						Other countries <sup>6</sup> .....	2,068	2,255	2,228	2,288	2,203
<b>Total surplus countries.....</b>	<b>23,105</b>	<b>18,989</b>	<b>13,382</b>	<b>14,766</b>	<b>13,972</b>	<b>Total deficit countries.....</b>	<b>7,154</b>	<b>7,569</b>	<b>8,144</b>	<b>7,548</b>	<b>7,258</b>
						<b>Afloat.....</b>	<b>200</b>	<b>400</b>	<b>400</b>	<b>400</b>	<b>400</b>
						<b>World total.....</b>	<b>30,459</b>	<b>26,958</b>	<b>21,926</b>	<b>22,714</b>	<b>21,630</b>

<sup>1</sup> Estimates for Southern Hemisphere countries include unginned cotton.<sup>2</sup> Preliminary.<sup>3</sup> In bales of 490 pounds net except United States, which is in running bales.<sup>4</sup> Running bales.<sup>5</sup> Mostly U.S.S.R., Mozambique, and Nigeria.<sup>6</sup> Mostly China and Eastern Europe.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information. Data for 1957-65 in *Agricultural Statistics, 1967*, table 109.

Table 108.—Cotton, wool, silk, rayon, and other synthetic fibers: Consumption, total and per capita, United States, 1954-70

Year	Total					Per capita				
	Cotton	Wool <sup>1</sup>	Silk <sup>2</sup>	Rayon and acetate <sup>3</sup>	Other synthetic fibers <sup>4</sup>	Cotton	Wool <sup>1</sup>	Silk <sup>2</sup>	Rayon and acetate <sup>3</sup>	Other synthetic fibers <sup>4</sup>
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>
1954.....	4,127.3	384.1	8.5	1,173.1	333.2	25.4	2.4	0.1	7.2	2.1
1955.....	4,382.4	413.8	11.0	1,454.6	447.8	26.5	2.5	.1	8.5	2.7
1956.....	4,362.6	440.8	12.7	1,224.8	502.5	25.9	2.6	.1	7.3	3.0
1957.....	4,060.4	368.8	8.3	1,202.7	589.8	23.7	2.2	( <sup>5</sup> )	7.0	3.4
1958.....	3,866.9	331.1	5.3	1,162.4	601.8	22.2	1.9	( <sup>5</sup> )	6.7	3.5
1959.....	4,334.5	435.3	8.0	1,293.8	770.9	24.5	2.5	( <sup>5</sup> )	7.3	4.4
1960.....	4,190.9	411.0	6.9	1,081.7	793.0	23.2	2.3	( <sup>5</sup> )	6.0	4.4
1961.....	4,081.5	412.1	6.7	1,155.6	899.0	22.2	2.2	( <sup>5</sup> )	6.3	4.9
1962.....	4,188.0	429.1	6.5	1,291.2	1,121.6	22.4	2.3	( <sup>5</sup> )	6.9	6.0
1963.....	4,040.2	411.7	6.4	1,471.0	1,304.0	21.3	2.2	( <sup>5</sup> )	7.8	6.9
1964.....	4,244.4	356.7	6.7	1,555.8	1,606.4	22.1	1.9	( <sup>5</sup> )	8.1	8.4
1965.....	4,477.5	387.0	5.8	1,593.3	2,020.8	23.0	2.0	( <sup>5</sup> )	8.2	10.4
1966.....	4,630.5	370.2	4.6	1,623.2	2,365.8	23.5	1.9	( <sup>5</sup> )	8.2	12.0
1967.....	4,423.0	312.5	2.8	1,520.4	2,723.9	22.2	1.6	( <sup>5</sup> )	7.6	13.7
1968.....	4,146.5	329.7	4.0	1,710.8	3,594.6	20.6	1.6	( <sup>5</sup> )	8.5	17.9
1969 <sup>5</sup> .....	3,932.7	312.8	3.3	1,623.8	3,925.5	19.4	1.5	( <sup>5</sup> )	8.0	19.3
1970 <sup>5</sup> .....	3,814.8	240.4	1.8	1,425.3	4,069.6	18.6	1.2	( <sup>5</sup> )	6.9	19.8

<sup>1</sup> Apparel and carpet wool, scoured basis.<sup>2</sup> Imports for consumption.<sup>3</sup> Domestic shipments plus imports for consumption. Includes producers' waste consumed by mills.<sup>4</sup> Less than 0.05 pound.<sup>5</sup> Preliminary.

Economic Research Service. Data on manmade fibers from *Textile Organon*. Calendar year data divided by population on July 1, including Armed Forces overseas, to calculate per capita consumption. Data for 1929-53 in *Agricultural Statistics, 1967*, table 110.

Table 109.—Rayon, raw silk, and cotton yarn: Price per pound; production, imports, exports, and consumption of rayon; imports of raw silk, United States, 1961-70

Year	Rayon <sup>1</sup>				Raw silk		Cotton yarn	
	Production	Imports for consumption	Exports <sup>2</sup>	Consumption <sup>3</sup>	Price per pound <sup>4</sup>		Imports for consumption	Price per pound <sup>7</sup>
					Filament yarn <sup>5</sup>	Staple fiber <sup>6</sup>		Price per pound <sup>8</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Cents	Cents	Million pounds	Dollars
1961.....	1,095.2	38.8	35.9	1,155.6	82.0	27.2	6.7	5.20
1962.....	1,272.1	53.5	48.7	1,291.2	82.0	27.0	6.5	6.03
1963.....	1,348.8	118.2	44.6	1,471.0	82.0	27.2	6.4	7.18
1964.....	1,431.8	119.7	36.2	1,555.8	78.5	28.0	6.7	5.72
1965.....	1,527.0	84.0	30.5	1,593.3	79.5	28.0	5.8	6.86
1966.....	1,519.0	118.5	24.6	1,623.2	80.5	28.0	4.6	8.14
1967.....	1,388.1	92.7	22.5	1,520.4	81.0	28.0	2.8	(10)
1968.....	1,594.3	139.6	23.0	1,710.8	85.2	28.0	4.0	(10)
1969 <sup>11</sup> .....	1,576.2	95.3	21.0	1,623.8	89.4	28.0	3.3	(10)
1970 <sup>11</sup> .....	1,373.2	83.5	46.1	1,425.3	90.5	28.0	1.8	(10)

<sup>1</sup> Includes filament yarn and staple fiber.<sup>2</sup> Producers' exports.<sup>3</sup> Domestic shipments plus imports for consumption. Includes producers' waste consumed by mills.<sup>4</sup> Wholesale prices f.o.b. producer plants.<sup>5</sup> Viscose, 150 denier, 1st quality.<sup>6</sup> Viscose, 1½ denier.<sup>7</sup> Japanese silk, white 20/22.<sup>8</sup> Carded knitted 30/1 on cones or tubes.<sup>9</sup> Estimated from Bureau of Labor Statistics seasonal indexes.<sup>10</sup> Not available.<sup>11</sup> Preliminary.

Economic Research Service. Compiled as follows: Exports, imports, production, and consumption of rayon from the *Textile Organon*; prices from bulletins of the U.S. Department of Labor and the *Textile Organon*. Data for 1944-60 in *Agricultural Statistics, 1967*, table 111.

Table 110.—Man-made fibers: Production of filament yarn and staple fiber in selected countries and world total, 1960-69

Year	United States	Canada	West-ern Germany	Japan	United Kingdom	Italy	France	Nether-lands	USSR	Other countries	World
Rayon and acetate											
Filament yarn:	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1960.....	654.5	43.0	164.4	314.7	186.5	179.6	121.2	76.0	223.0	330.6	2,493.5
1961.....	641.7	39.8	166.3	311.2	174.5	184.8	124.5	75.0	231.0	552.9	2,501.7
1962.....	726.1	45.6	171.1	301.1	176.8	193.7	127.9	71.4	249.0	580.0	2,648.7
1963.....	709.7	49.5	173.4	293.6	188.5	196.1	129.1	73.9	290.0	610.7	2,714.5
1964.....	777.5	53.2	172.7	298.7	212.5	201.3	130.7	83.4	335.5	661.4	2,926.9
1965.....	825.0	58.6	172.9	306.9	216.4	188.6	120.8	86.3	362.9	690.6	3,029.0
1966.....	799.8	49.0	171.8	311.0	206.1	192.4	123.0	82.9	399.7	701.8	3,037.5
1967.....	734.7	42.0	144.9	320.6	202.8	199.4	109.5	72.8	422.9	723.9	2,973.5
1968.....	805.2	46.1	157.3	313.6	214.8	201.8	109.5	78.9	454.0	748.1	3,129.3
1969.....	774.4	40.0	170.7	312.4	212.9	205.0	117.3	81.8	467.4	755.6	3,137.5
Staple fiber:	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1960.....	374.0	32.3	371.3	638.4	266.1	176.5	140.2	32.6	209.5	1,014.7	3,255.6
1961.....	453.5	33.9	366.9	664.9	240.3	197.5	147.5	32.9	269.0	1,022.1	3,428.5
1962.....	546.0	42.3	395.9	634.9	258.5	224.9	146.0	30.5	287.5	1,099.6	3,666.1
1963.....	639.1	47.4	437.6	716.2	286.9	245.0	180.7	37.3	296.0	1,143.2	4,029.4
1964.....	654.3	54.4	469.9	763.6	319.0	269.3	192.3	41.6	335.2	1,218.9	4,318.5
1965.....	702.0	55.7	457.3	775.4	302.9	223.4	162.8	42.1	364.3	1,244.5	4,330.4
1966.....	719.2	51.6	430.0	790.5	276.4	205.4	151.3	40.9	398.4	1,299.2	4,332.9
1967.....	653.4	54.2	378.5	809.7	304.7	201.1	128.2	21.7	448.0	1,337.1	4,334.6
1968.....	789.1	55.3	392.8	766.1	356.0	209.2	147.4	0	480.7	1,461.3	4,657.9
1969.....	801.8	55.1	380.9	781.6	342.8	233.1	171.0	0	485.0	1,448.0	4,699.3
Non-cellulosic <sup>1</sup>											
Filament yarn:	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1960.....	437.4	24.7	61.9	102.9	82.1	52.9	59.3	12.5	23.5	61.5	918.7
1961.....	497.2	31.7	80.2	138.6	87.5	64.1	65.8	16.8	33.5	79.4	1,094.8
1962.....	627.4	36.2	104.5	171.5	114.0	91.4	83.9	22.3	50.0	106.5	1,407.7
1963.....	712.8	41.8	135.2	239.5	141.7	107.3	101.8	27.8	61.0	148.8	1,717.7
1964.....	847.6	48.5	175.2	353.6	165.6	129.8	115.7	39.5	86.5	194.1	2,156.1
1965.....	967.7	61.8	210.0	365.2	181.0	132.4	102.8	57.0	119.5	255.2	2,482.1
1966.....	1,164.7	72.6	247.0	441.2	225.2	160.3	124.4	74.6	163.9	321.1	2,985.0
1967.....	1,215.4	88.9	293.4	564.4	252.9	163.1	125.1	84.4	187.9	390.6	3,366.1
1968.....	1,692.1	109.2	429.5	655.5	328.1	203.4	141.2	111.7	207.7	508.0	4,356.4
1969.....	1,766.9	116.4	527.1	793.0	358.0	235.8	164.7	127.7	229.3	671.3	4,990.2
Staple fiber:	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1960.....	416.8	15.9	53.8	169.5	52.3	28.7	60.3	7.5	9.5	46.1	860.4
1961.....	402.0	14.8	63.6	209.8	58.4	40.6	65.2	8.6	18.5	60.9	942.4
1962.....	535.8	19.9	102.5	242.3	68.8	59.2	82.0	18.4	25.0	77.2	1,231.1
1963.....	635.1	21.9	106.1	304.9	90.6	77.2	101.5	27.4	33.0	92.1	1,496.8
1964.....	798.6	23.7	131.1	423.1	113.1	104.4	117.5	32.4	39.0	131.9	1,914.8
1965.....	1,061.5	29.8	185.5	495.7	146.3	122.4	122.2	40.5	51.4	214.0	2,469.3
1966.....	1,236.4	36.3	224.0	600.8	174.0	167.5	150.7	45.0	58.4	294.8	2,987.9
1967.....	1,431.6	35.0	262.4	750.9	189.4	187.5	151.8	42.1	67.5	363.8	3,482.0
1968.....	1,903.1	56.2	367.4	913.3	273.6	240.9	189.5	59.2	78.3	500.4	4,641.9
1969.....	2,220.2	66.5	470.6	1,063.1	306.3	298.2	226.5	72.7	101.5	696.5	5,522.1

<sup>1</sup> Includes nylon, acrylic, modacrylic, polyester, and other man-made fibers.<sup>2</sup> Includes textile glass fiber.Economic Research Service. Compiled from the *Textile Organon*. Rayon and acetate data for 1944-59 in *Agricultural Statistics, 1967*, table 112.

Table 111.—Silk and vegetable fibers (except cotton): United States imports for consumption, by country of origin, 1969 and 1970

Commodity imported and country of origin	1969	1970 <sup>1</sup>	Commodity imported and country of origin	1969	1970 <sup>1</sup>
<b>Raw silk:<sup>2</sup></b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>Abaca or manilla:</b>	<b>Tons<sup>3</sup></b>	<b>Tons<sup>3</sup></b>
Japan.....	282	63	Mexico.....	0	587
Korea, Republic of.....	761	355	Indonesia.....	72	93
Italy.....	798	382	Philippines.....	19,439	18,966
Brazil.....	56	75	Thailand.....	88	588
Other countries.....	9	14	India.....	0	17
<b>Total.....</b>	<b>1,906</b>	<b>919</b>	Malaysia.....	1,716	293
<b>Waste and advanced waste:<sup>3</sup></b>			Ecuador.....	75	610
Japan.....	842	323	<b>Total.....</b>	<b>21,390</b>	<b>21,154</b>
Italy.....	407	529	<b>Sisal and benequen:</b>		
Brazil.....	79	66	Mexico.....	20,781	26,841
United Kingdom.....	66	2	Haiti.....	8,480	6,950
Other countries.....	25	7	Brazil.....	15,002	13,815
<b>Total.....</b>	<b>1,479</b>	<b>927</b>	Other Americas.....	28	70
<b>Flax, unmanufactured:<sup>4</sup></b>	<b>Tons<sup>5</sup></b>	<b>Tons<sup>5</sup></b>	Europe.....	196	111
Belgium and Luxembourg.....	1,330	1,373	Indonesia.....	932	516
Netherlands.....	132	10	Other Asia and Australia.....	179	0
United Kingdom.....	19	0	Angola and Portuguese Guinea.....	46	122
Canada.....	44	144	Tanzania, Kenya, and Uganda.....	7,089	9,705
Other countries.....	11	29	Mozambique.....	50	49
<b>Total.....</b>	<b>1,536</b>	<b>1,556</b>	Malagasy Republic.....	649	393
<b>Hemp, unmanufactured:<sup>4</sup></b>			Other Africa.....	366	67
Spain.....	0	4	<b>Total.....</b>	<b>53,798</b>	<b>58,639</b>
Philippines.....	69	0	<b>Isle or tampero, unmanufactured:</b>		
<b>Total<sup>6</sup>.....</b>	<b>69</b>	<b>4</b>	Mexico.....	399	619
<b>Sunn, unmanufactured:</b>			Other countries.....	1	0
India.....	931	234	<b>Total<sup>6</sup>.....</b>	<b>400</b>	<b>619</b>
Mexico.....	250	282	<b>Cotr, unmanufactured:</b>		
Other countries.....	250	24	Mexico.....	483	1,147
<b>Total<sup>6</sup>.....</b>	<b>1,181</b>	<b>520</b>	Jamaica.....	0	0
<b>Jute and jute butts, unmanufactured:</b>			Other Americas.....	67	56
Other Americas.....	324	0	Ceylon.....	1,702	1,254
Pakistan.....	24,161	16,328	India.....	50	3
Thailand.....	4,990	11,619	Other Asia and Africa.....	3	4
Other Asia.....	3,505	932	Other countries.....	56	323
Europe.....	774	279	<b>Total.....</b>	<b>2,361</b>	<b>2,787</b>
<b>Total.....</b>	<b>33,754</b>	<b>29,158</b>	<b>Other vegetable fibers:<sup>7</sup></b>		
<b>Kapok:</b>			Mexico.....	2,926	3,055
Ecuador and Mexico.....	0	2	Dominican Republic.....	59	0
Indonesia.....	653	864	Brazil.....	77	0
Thailand.....	8,607	10,643	Other Americas.....	36	2
Vietnam, South.....	20	0	Europe.....	230	29
Other Asia.....	518	10	India.....	166	35
<b>Total.....</b>	<b>9,798</b>	<b>11,519</b>	Sierra Leone.....	561	874
<b>Crn vegetal:</b>			Nigeria.....	25	10
Morocco.....	50	59	Malagasy Republic.....	143	78
Other countries.....	0	0	Other Africa and Asia.....	27	8
<b>Total.....</b>	<b>50</b>	<b>59</b>	<b>Total.....</b>	<b>4,253</b>	<b>4,091</b>

<sup>1</sup> Preliminary.<sup>2</sup> Includes wild or tussah, and raw silk in skeins.<sup>3</sup> Silk waste, noils, and cocoons.<sup>4</sup> Includes all classes; weight added without conversion to an equivalent fiber basis.<sup>5</sup> Long tons of 2,240 pounds.<sup>6</sup> Includes data for countries not shown.<sup>7</sup> Includes broomroot fiber, rice straw and rice fiber, raffia, maguey or cantala, piassava, other palm and palm-tree fibers, other unmanufactured fibers, and other crude straw and crude fibrous vegetable substances.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 112.—Silk and vegetable fibers (except cotton): Imports for consumption, United States, 1961-70

Year	Silk		Vegetable fibers, unmanufactured							
	Raw <sup>1</sup>	Waste <sup>2</sup>	Flax <sup>3,4</sup>	Hemp <sup>3,4</sup>	Jute and jute butts	Abaca or manila <sup>5</sup>	Sisal and henequen <sup>5</sup>	Istle or tam-pico <sup>5</sup>	Kapok <sup>5</sup>	Other fibers <sup>5,6</sup>
	1,000 pounds	1,000 pounds	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>	Tons <sup>6</sup>
1961.....	5,867	824	2,708	61	22,249	28,055	103,308	3,276	10,208	4,973
1962.....	5,277	1,213	2,541	139	77,864	26,600	108,339	3,257	11,629	9,024
1963.....	4,406	1,988	2,211	34	77,307	28,026	90,962	6,963	11,966	4,679
1964.....	4,423	2,272	2,193	40	72,972	26,299	82,551	875	13,004	4,321
1965.....	3,639	2,665	2,536	64	41,490	34,736	86,860	1,260	23,871	3,376
1966.....	3,510	1,113	2,609	88	51,658	33,406	78,369	341	12,984	3,928
1967.....	2,506	294	1,841	69	43,065	27,459	67,013	495	14,309	4,948
1968.....	2,180	1,789	1,977	108	49,770	21,670	73,990	582	17,776	3,808
1969.....	1,906	919	1,538	69	33,754	21,390	53,798	400	9,798	4,253
1970 <sup>7</sup>	1,479	927	1,558	-----	29,159	21,194	58,639	619	11,519	4,091

<sup>1</sup> Includes wild or tussah, and raw silk in skeins.<sup>2</sup> Silk waste, noils, and cocoons.<sup>3</sup> Beginning 1963, not entirely comparable with preceding years because of change in schedule classification.<sup>4</sup> Includes weights of all classes added without conversion to an equivalent fiber basis.<sup>5</sup> Includes crin vegetal, New Zealand or phormium fiber, broomroot, rice straw and rice fiber, coir, and other unmanufactured vegetable fiber.<sup>6</sup> Tons of 2,240 pounds.<sup>7</sup> Estimated.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1944-60 in *Agricultural Statistics, 1967*, table 113.

Table 113.—Jute and hard fibers: Imports for consumption in United States, prices at New York, and world production, 1961-70

Year	Jute			Abaca		Sisal and henequen	
	Imports for consumption (raw)	Price per pound—raw jute at New York <sup>1</sup>	World production <sup>2</sup>	Price per pound—raw abaca at New York <sup>1</sup>	World production	Imports for consumption (raw)	World production
	Million pounds	Cents	Million pounds	Cents	Million pounds	Million pounds	Million pounds
1961.....	50	23.2	5,545	29.5	194	231	1,691
1962.....	174	17.6	5,052	23.2	222	243	1,776
1963.....	173	15.6	5,337	22.7	262	204	1,822
1964.....	163	15.8	5,119	23.5	247	185	1,915
1965.....	93	17.4	4,932	23.1	263	196	1,770
1966.....	114	18.9	4,374	22.1	239	173	1,815
1967.....	97	17.8	5,411	21.5	209	150	1,733
1968.....	111	16.2	4,323	19.3	180	165	1,627
1969.....	76	17.8	5,246	20.3	168	121	1,613
1970 <sup>4</sup>	65	17.0	4,851	23.2	205	131	1,610

<sup>1</sup> Grade specifications changed from mill firsts to exports firsts, f.o.b. New York, February 1963.<sup>2</sup> Does not include Communist China, Manchuria, and U.S.S.R. Excludes mesta.<sup>3</sup> Price for raw abaca Davao Grade 1.<sup>4</sup> Preliminary.Foreign Agricultural Service. Import data compiled from reports of the U.S. Department of Commerce; price data from reports of the U.S. Department of Labor. Production data prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information. Data for 1944-60 in *Agricultural Statistics, 1967*, table 115.



Table 114.—Sugarbeets: Acreage, yield, production, season average price per ton received by farmers, value, and products, United States, 1954-70<sup>1</sup>

Year	Acreage		Yield per harvested acre	Production	Price <sup>2</sup>	Farm value	Products				
	Planted	Harvested					Sugar, refined basis <sup>3</sup>	Pulp		Molasses	
								Molasses	Dried		Wet
	1,000 acres	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons	1,000 tons	1,000 gallons	
1954	964	876	16.1	14,082	10.80	152,151	1,909	355	139	1,823	52,351
1955	798	740	16.5	12,231	11.16	136,502	1,625	354	108	1,368	52,061
1956	831	785	16.6	12,995	11.94	155,109	1,837	428	106	1,378	51,955
1957	916	878	17.7	15,505	11.22	173,986	2,045	480	138	1,538	63,121
1958	935	891	17.0	15,150	11.74	177,807	2,056	484	158	1,372	67,324
1959	955	905	18.8	17,015	11.24	191,186	2,187	501	148	1,482	76,920
1960	976	957	17.2	16,421	11.58	190,109	2,290	613	152	1,298	79,079
1961	1,129	1,077	16.4	17,704	11.16	197,547	2,247	712	131	1,276	98,211
1962	1,182	1,103	16.5	18,250	12.78	233,194	2,417	676	316	1,141	98,645
1963	1,288	1,235	18.9	23,328	12.22	285,011	2,893	1,004	183	1,560	124,602
1964	1,459	1,395	16.8	23,389	11.79	275,600	3,073	1,114	160	1,769	143,688
1965	1,314	1,248	16.8	20,918	11.95	249,875	2,705	989	178	1,433	116,589
1966	1,240	1,161	17.5	20,342	12.80	260,355	2,643	933	186	1,390	113,755
1967	1,197	1,122	17.1	19,197	13.55	260,114	2,464	923	188	1,035	99,826
1968	1,476	1,410	18.0	25,363	13.81	350,207	3,255	1,292	251	1,248	136,094
1969	1,647	1,541	18.0	27,736	12.72	352,868	3,112				
1970 <sup>4</sup>	1,475	1,415	18.4	25,976	14.90	387,042	3,318				

<sup>1</sup> Relates to year of harvest. Includes some acreage harvested the following spring.<sup>2</sup> Prices do not include Government payments under the Sugar Act.<sup>3</sup> Calculated on the basis that 1.07 tons of raw sugar is required to produce one ton of refined sugar.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 116.

Table 115.—Sugarbeets: Acreage, production and season average price per ton received by farmers, by States, 1968-70

State	Acreage planted			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	Acres	Acres	Acres	Acres	Acres	Acres	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
Ohio	36,500	38,900	41,000	36,000	38,100	39,100	684	654	731	12.90	12.10	.....
Michigan	91,200	93,500	93,200	90,000	92,600	91,500	1,708	1,504	1,894	10.70	13.10	.....
Minnesota	163,700	165,600	153,400	161,400	164,300	146,800	2,177	2,352	1,806	13.00	13.90	.....
North Dakota	88,300	95,700	93,500	87,200	95,100	92,000	1,125	1,331	1,067	13.20	13.90	.....
Nebraska	75,800	92,800	85,400	71,800	87,300	78,600	1,222	1,673	1,376	15.40	11.60	.....
Kansas	41,200	49,000	45,500	39,100	40,400	43,800	597	696	692	13.70	8.40	.....
Texas	40,000	49,700	30,800	37,900	37,800	29,100	824	718	588	12.70	7.00	.....
Montana	67,500	68,900	57,800	65,700	67,500	57,600	1,034	1,206	922	15.00	13.90	.....
Idaho	196,300	207,500	175,100	182,300	185,600	169,600	3,288	3,373	3,087	14.40	14.50	.....
Wyoming	64,500	68,800	61,300	62,100	67,400	59,000	1,003	1,254	956	15.40	14.70	.....
Colorado	179,200	204,000	159,100	168,200	180,700	146,400	2,611	3,224	2,416	14.90	8.70	.....
Arizona	19,600	33,600	20,100	16,900	30,800	18,700	338	557	296	12.20	10.00	.....
Utah	30,300	35,200	31,400	29,300	31,800	30,000	495	558	480	15.00	13.80	.....
Washington	61,200	66,000	68,000	64,900	64,000	63,000	1,383	1,692	1,260	14.20	15.00	.....
Oregon	22,300	25,600	21,400	22,000	23,800	20,400	523	565	432	13.30	14.20	.....
California <sup>3</sup>	263,700	320,000	328,000	254,200	305,000	320,800	6,081	6,046	7,860	13.70	13.50	.....
Other States	34,800	32,300	10,200	31,100	28,600	8,800	270	333	143	14.20	12.50	.....
United States <sup>4</sup>	1,476,100	1,647,100	1,475,200	1,410,100	1,540,500	1,415,200	25,363	27,736	25,976	13.81	12.72	14.90

<sup>1</sup> Preliminary.<sup>2</sup> Does not include Government payments under the Sugar Act. See table 120.<sup>3</sup> Relates to year of harvest. Includes some acreage harvested the following spring.<sup>4</sup> U.S. total rounded to hundreds for acreage.

Statistical Reporting Service.

Table 116.—Sugarbeet seed: Acreage, yield, production, average price per pound received by farmers, value, and foreign trade, United States, 1954-70

Year	Acreage harvested	Yield per acre	Production	Average price per pound received by farmers	Farm value	Foreign trade	
						Imports	Exports <sup>1</sup>
	<i>Acres</i>	<i>Pounds</i>	<i>100-pound bags</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>100-pound bags</i>	<i>100-pound bags</i>
1954.....	3,489	3,165	110,462	14.39	1,591	300	4,732
1955.....	3,801	3,004	114,187	14.21	1,622	33	2,331
1956.....	3,334	2,648	88,279	14.13	1,247	62	149
1957.....	3,619	2,613	94,547	14.27	1,349	17	453
1958.....	4,381	2,507	109,832	15.89	1,745	0	1,393
1959.....	4,157	2,689	111,788	16.22	1,813	0	6,378
1960.....	4,078	3,054	124,545	17.13	2,134	0	2,491
1961.....	3,481	2,745	96,541	17.30	1,653	0	5,881
1962.....	3,174	2,945	93,416	17.58	1,642	3	842
1963.....	3,372	2,801	94,447	18.01	1,700	20	243
1964.....	5,021	2,661	133,614	17.78	2,376	226	406
1965.....	3,296	2,833	93,363	18.13	1,693	1,510	-----
1966.....	4,741	2,932	139,020	18.34	2,549	860	-----
1967.....	3,503	2,438	85,412	18.38	1,570	330	-----
1968.....	3,100	2,244	69,553	18.68	1,299	1,270	-----
1969.....	5,550	2,548	141,427	18.47	2,612	1,590	-----
1970.....	5,907	2,575	152,076	18.59	2,828	217	-----

<sup>1</sup> Beginning 1965, not maintained as a separate commodity by the Census Bureau.

Agricultural Research Service. Data on domestic production compiled from reports furnished by beet sugar companies and their subsidiaries and by farmers engaged in sugarbeet seed production. Data on foreign trade from the U.S. Department of Commerce. Data for 1944-53 in *Agricultural Statistics, 1967*, table 118.

Table 117.—Sugarbeet seed: Acreage, yield, and production, by States, 1968-70<sup>1</sup>

State	Acreage harvested			Yield per acre			Production		
	1968	1969	1970	1968	1969	1970	1968	1969	1970
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Pounds</i>	<i>Pounds</i>	<i>Pounds</i>	<i>100-pound bags</i>	<i>100-pound bags</i>	<i>100-pound bags</i>
Arizona.....	1,367	1,974	2,063	3,040	2,737	2,506	41,550	54,017	51,711
Oregon.....	1,564	3,302	3,396	1,421	2,442	2,644	22,223	80,645	89,797
Utah.....	169	274	448	3,420	2,469	2,389	5,780	6,765	10,598
All States.....	3,100	5,550	5,907	2,244	2,548	2,575	69,553	141,427	152,076

<sup>1</sup> Commercial seed production from fall plantings overwintered in the field.<sup>2</sup> Includes 789 bags of multigerm seed produced on 36 acres, which amounts to only 0.52 percent of total production. Monogerm seed amounted to 99.48 percent of national production.

Agricultural Research Service. Compiled from reports furnished by beet sugar companies and their subsidiaries engaged in sugarbeet seed production.

Table 118.—Sugarbeets: Acreage, yield, and production in specified countries, average 1960-64, annual 1969 and 1970

Continent and country	Acreage harvested			Yield per acre			Production <sup>1</sup>		
	Average 1960-64	1969	1970 <sup>1</sup>	Average 1960-64	1969	1970 <sup>1</sup>	Average 1960-64	1969	1970 <sup>1</sup>
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
North America:									
Canada.....	90	79	69	13.1	13.6	12.7	1,181	1,078	875
United States.....	1,153	1,550	1,382	17.2	17.9	18.8	19,819	27,736	25,975
Total.....	1,243	1,629	1,451	16.9	17.7	18.5	21,000	28,814	26,850
South America:									
Chile.....	35	100	95	17.0	18.0	18.0	596	1,802	1,709
Uruguay.....	31	25	40	10.5	13.1	12.4	327	328	496
Total.....	66	125	135	14.0	17.0	16.3	923	2,130	2,205
Europe:									
Belgium and Luxembourg.....	151	222	222	19.3	20.8	19.6	2,907	4,616	4,354
France.....	956	902	867	16.4	19.9	19.2	15,723	17,967	16,651
Germany, West.....	734	766	766	17.3	19.2	19.2	12,693	14,721	14,691
Italy.....	573	719	680	14.5	16.1	16.2	8,304	11,598	11,023
Netherlands.....	200	234	257	20.3	21.7	21.9	4,051	5,514	5,622
Total EEC.....	2,614	2,863	2,792	16.7	19.0	18.7	43,678	54,416	52,341
Austria.....	108	116	114	17.9	19.0	18.8	1,936	2,210	2,149
Denmark.....	142	128	121	16.9	17.2	17.8	2,400	2,209	2,160
Finland.....	44	35	37	10.5	10.6	12.9	460	371	477
Ireland.....	78	61	65	13.0	16.9	16.9	1,016	1,034	1,098
Spain.....	357	492	536	11.1	11.4	11.3	3,950	5,598	6,063
Sweden.....	114	98	99	15.8	16.5	18.1	1,797	1,619	1,795
Switzerland.....	15	22	22	18.8	19.6	20.5	282	432	452
United Kingdom.....	431	457	469	15.6	14.5	15.8	6,706	6,652	7,418
Total Western Europe.....	3,903	4,272	4,255	15.9	17.4	17.4	62,225	74,541	73,953
Bulgaria.....	175	143	145	9.4	12.8	13.0	1,643	1,825	1,929
Czechoslovakia.....	620	434	452	13.0	14.7	16.7	8,061	6,403	7,534
Germany, East.....	560	474	469	11.3	11.3	15.0	6,315	5,353	7,061
Hungary.....	316	240	185	10.7	15.2	12.8	3,387	3,639	2,370
Poland.....	1,020	1,013	1,008	11.9	12.3	14.0	12,153	12,479	14,131
Romania.....	442	465	395	7.2	9.0	8.4	3,187	4,170	3,307
Yugoslavia.....	205	235	210	12.2	17.0	16.8	2,511	4,009	3,527
Total Eastern Europe.....	3,388	3,004	2,867	11.2	12.6	13.9	37,257	37,878	39,850
Total Europe.....	7,241	7,276	7,122	13.7	15.4	16.0	99,482	112,419	113,812
U.S.S.R.....	8,495	8,475	8,401	7.2	9.2	10.2	61,208	78,263	85,979
Asia:									
Japan.....	116	146	133	10.8	15.6	17.4	1,248	2,285	2,315
Turkey.....	398	252	304	10.2	14.7	14.5	3,964	3,699	4,409
Total.....	504	398	437	10.3	15.0	15.4	5,212	5,984	6,724
Grand total.....	17,549	17,903	17,546	10.7	12.7	13.4	187,825	227,610	235,570

<sup>1</sup> Preliminary.<sup>2</sup> Quantity processed.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 119.—Sugarbeets and sugarcane for sugar: Season average price received by farmers and Sugar Act payments, per ton, in continental United States, 1961-70<sup>1</sup>

Crop year	Sugarbeets			Sugarcane for sugar		
	Prices received by farmers	Sugar Act payments	Total	Prices received by farmers	Sugar Act payments	Total
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1961.....	11.16	2.26	13.42	7.71	1.19	8.90
1962.....	12.78	2.25	15.03	8.40	1.11	9.51
1963.....	12.22	2.20	14.42	10.20	1.15	11.35
1964.....	11.79	2.20	13.99	6.93	1.01	7.94
1965.....	11.95	2.18	14.13	7.90	1.12	9.02
1966.....	12.80	2.16	14.96	8.49	1.11	9.60
1967.....	13.55	2.17	15.72	9.38	1.16	10.54
1968.....	13.81	2.16	15.97	9.29	1.16	10.45
1969.....	12.72	2.04	14.76	9.94	1.18	11.12
1970 <sup>2</sup> .....	14.00	2.16	17.06	10.30	1.16	11.46

<sup>1</sup> Payments with respect to crop deficiency and acreage abandonment are not included; see table 755 for these data.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 121.Table 120.—Sugarbeets and sugarcane for sugar: Season average price received by farmers, and Sugar Act payments, per ton, by States, 1968 and 1969<sup>1</sup>

Commodity and State	1968			1969		
	Prices received by farmers	Sugar Act payments	Total	Prices received by farmers	Sugar Act payments	Total
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
<b>SUGARBEETS</b>						
Maine.....	16.10	1.72	17.82	16.10	2.17	18.27
New York.....	13.00	2.22	15.22	13.00	2.24	15.24
New Jersey.....				13.00	2.02	15.02
Pennsylvania.....				13.00	1.72	14.72
Ohio.....	12.90	2.31	15.21	12.10	2.14	14.24
Michigan.....	10.70	2.22	12.92	13.10	2.36	15.46
Minnesota.....	13.00	2.25	15.25	13.90	2.22	16.12
Iowa.....	12.90	2.13	15.03	14.00	2.04	16.04
Missouri.....				12.90	2.34	15.24
North Dakota.....	13.20	2.30	15.50	13.90	2.29	16.19
Nebraska.....	15.40	2.40	17.80	11.60	1.97	13.57
Kansas.....	13.70	2.06	15.76	8.40	1.64	10.04
Texas.....	12.70	2.01	14.71	7.60	1.45	9.05
Montana.....	15.00	2.33	17.33	13.90	2.22	16.12
Idaho.....	14.40	2.22	16.62	14.50	2.22	16.72
Wyoming.....	15.40	2.39	17.79	13.70	2.13	15.83
Colorado.....	14.90	2.31	17.21	8.70	1.82	10.52
New Mexico.....	12.70	2.04	14.74	8.50	1.55	10.05
Arizona.....	12.20	2.02	14.22	10.00	1.75	11.75
Utah.....	15.00	2.28	17.28	13.80	2.24	16.04
Washington.....	14.20	2.18	16.38	15.00	2.13	17.13
Oregon.....	13.30	2.12	15.42	14.20	2.08	16.28
California.....	13.70	1.91	15.61	13.50	1.82	15.32
<b>SUGARCANE FOR SUGAR</b>						
Florida.....	9.64	.96	10.60	10.24	.99	11.23
Louisiana.....	9.03	1.30	10.33	9.66	1.36	11.02

<sup>1</sup> Payments with respect to crop deficiency and acreage abandonment are not included; see table 755 for these data.

Statistical Reporting Service.

Table 121.—Sugarcane for sugar and seed: Acreage, yield, production, value, and production of cane sugar and molasses, United States, 1954-70<sup>1</sup>

Year <sup>2</sup>	Acreage harvested			Yield of cane per acre			Production		
	For sugar	For seed	Total	For sugar	For seed	For sugar and seed	For sugar	For seed	Total
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons
1954.....	393.1	19.7	412.8	41.5	23.1	40.6	16,315	456	16,771
1955.....	373.0	17.1	390.1	44.7	25.0	43.9	16,089	427	17,116
1956.....	341.1	19.1	360.2	46.7	24.6	45.5	15,924	469	16,393
1957.....	365.3	18.0	383.3	43.2	23.1	42.3	15,782	416	16,198
1958.....	337.5	21.4	358.9	40.7	23.3	39.7	13,735	499	14,234
1959.....	406.8	26.0	432.8	40.0	23.3	39.0	16,260	605	16,865
1960.....	407.5	20.1	426.6	38.7	24.7	37.7	15,750	718	16,468
1961.....	441.4	29.7	471.1	42.5	28.9	41.6	18,749	858	19,607
1962.....	477.2	35.9	513.1	40.2	24.0	39.1	19,178	860	20,038
1963.....	542.8	33.8	576.6	42.4	31.2	41.8	23,034	1,053	24,087
1964.....	655.9	27.7	683.6	37.1	26.6	36.6	24,317	736	25,053
1965.....	583.3	33.7	617.0	36.1	26.1	36.4	22,785	678	23,463
1966.....	590.2	35.0	625.2	40.0	26.4	39.2	23,590	925	24,515
1967.....	596.2	31.4	627.6	43.1	30.3	42.5	25,699	952	26,651
1968.....	577.3	28.5	605.8	41.6	28.1	41.0	24,025	800	24,825
1969.....	502.8	32.8	535.6	43.2	27.5	42.2	21,714	901	22,615
1970 <sup>3</sup> .....	553.2	32.6	585.8	43.9	29.3	43.1	24,276	954	25,230

  

Year <sup>2</sup>	Season average price per ton received by farmers <sup>4</sup>	Farm value		Sugar production			Molasses made		
		Of cane used for sugar	Of cane used for sugar and seed	Raw value <sup>5</sup>		Refined basis <sup>6</sup>	Black-strap (80° Brix)	Edible	Total <sup>7</sup>
		1,000 dollars	1,000 dollars	Total	Per ton of cane				
	Dollars	1,000 dollars	1,000 dollars	1,000 tons	Pounds	1,000 tons	1,000 gallons	1,000 gallons	1,000 gallons
1954.....	6.95	47,846	50,935	1,687	207	1,577	98,658	2,820	101,478
1955.....	6.51	44,382	47,108	1,714	205	1,602	99,974	3,193	103,167
1956.....	8.04	48,324	52,052	1,601	209	1,553	92,831	2,384	95,215
1957.....	6.90	45,732	46,538	1,617	205	1,511	94,465	2,553	97,018
1958.....	7.48	46,223	49,910	1,344	196	1,256	92,833	3,094	95,917
1959.....	7.13	48,821	52,138	1,591	196	1,487	99,391	2,714	102,105
1960.....	7.41	52,919	57,160	1,566	199	1,464	97,694	3,379	101,073
1961.....	7.71	70,549	75,980	1,950	208	1,822	116,498	3,075	119,573
1962.....	8.40	78,623	84,350	1,972	206	1,843	122,594	2,772	125,366
1963.....	10.20	132,975	142,092	2,294	198	2,134	145,249	2,665	147,914
1964.....	6.83	94,460	98,015	2,326	191	2,174	160,967	2,648	163,615
1965.....	7.90	95,155	100,516	2,322	204	2,170	148,111	2,563	150,674
1966.....	8.49	107,199	113,410	2,448	208	2,267	142,724	2,477	145,201
1967.....	9.38	137,414	144,438	2,648	206	2,475	158,627	2,466	161,093
1968.....	9.29	118,362	124,091	2,447	204	2,286	150,057	2,532	152,589
1969.....	9.94	108,068	115,209	2,254	206	2,107	132,337	2,121	134,458
1970 <sup>3</sup> .....	10.30	133,498	141,371	2,412	199	2,255	-----	-----	147,700

<sup>1</sup> Includes Hawaii for acres harvested, yield per acre, and production of sugarcane for sugar and sugar production; includes molasses production for Hawaii. Also includes Hawaii from 1959 to date for acres harvested, yield, and production of sugarcane for seed. Price and value not available for Hawaii.

<sup>2</sup> The growth of 9 months in Louisiana, 12 months in Florida, and 18-24 months in Hawaii. Sugarcane harvest usually ends by December or early January in Louisiana; in Florida, by March following the season of growth; and in Hawaii, the harvest takes place throughout the year.

<sup>3</sup> Preliminary.

<sup>4</sup> Prices do not include Government payments under the Sugar Act.

<sup>5</sup> Raw value is the equivalent in terms of 96° sugar as defined in the Sugar Act of 1948.

<sup>6</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

<sup>7</sup> Sirup production not included. See table 138.

Statistical Reporting Service. Of the total sugar produced in Louisiana about 25 percent consists of direct consumption sugar, marketed "as made" without further refining. Data for 1949-53 in *Agricultural Statistics, 1967*, table 123.

Table 122.—Sugarcane for sugar and seed: Acreage, yield, production, season average price per ton received by farmers, and production of cane sugar and molasses, by States, 1968-70

State	Sugarcane for sugar and seed <sup>1</sup>											
	Acreage harvested			Yield of cane per acre			Cane production			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	Tons	Tons	Tons	1,000 tons	1,000 tons	1,000 tons	Dol- lars	Dol- lars	Dol- lars
For sugar:												
Florida.....	181.4	153.6	172.0	29.6	33.8	33.5	5,368	5,199	5,762	9.64	10.24	10.82
Louisiana.....	282.4	236.0	267.0	26.1	24.1	27.0	7,377	5,676	7,209	9.03	9.66	9.87
Hawaii.....	113.5	113.2	114.2	99.4	95.8	99.0	11,280	10,839	11,305			
United States.....	577.3	502.8	553.2	41.6	43.2	43.9	24,025	21,714	24,276			
For seed:												
Florida.....	5.7	6.5	7.0	29.6	33.8	33.5	169	220	235			
Louisiana.....	17.4	21.0	20.0	26.1	24.1	27.0	454	506	540			
Hawaii.....	5.4	5.3	5.6	32.8	33.0	31.9	177	175	179			
United States.....	28.5	32.8	32.6	28.1	27.5	29.3	800	901	954			
For sugar and seed:												
Florida.....	187.1	160.1	179.0	29.6	33.8	33.5	5,537	5,419	5,997			
Louisiana.....	299.8	257.0	287.0	26.1	24.1	27.0	7,831	6,182	7,749			
Hawaii.....	113.9	113.5	114.8	96.4	92.9	95.9	11,457	11,014	11,484			
United States.....	600.8	535.6	585.8	41.0	42.2	43.1	24,825	22,615	25,230			

  

State	Products of cane harvested for sugar											
	Sugar per ton of cane (raw value <sup>4</sup> )			Sugar produced (raw value <sup>4</sup> )			Equivalent refined <sup>5</sup>			Molasses <sup>6</sup>		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	Pounds	Pounds	Pounds	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 gallons	1,000 gallons	1,000 gallons
Florida.....	203	206	214	546	535	617	510	500	577	36,501	34,589	38,500
Louisiana.....	181	189	174	669	537	627	625	502	586	53,152	39,550	49,000
Hawaii.....	218	218	207	1,232	1,182	1,168	1,151	1,105	1,092	62,936	58,198	60,200
United States.....	204	208	199	2,447	2,254	2,412	2,286	2,107	2,255	152,589	132,337	147,700

<sup>1</sup> The growth of 9 months in Louisiana, 12 months in Florida, and 18-24 months in Hawaii. Sugar campaign usually ends by December or early January in Louisiana; in Florida, by March following the season of growth; and in Hawaii, the harvest takes place throughout the year.

<sup>2</sup> Preliminary.

<sup>3</sup> Does not include Government payments under the Sugar Act. See table 120.

<sup>4</sup> Raw value is the equivalent in terms of 96° sugar as defined in the Sugar Act of 1948.

<sup>5</sup> Calculated on the basis that 100 pounds of raw sugar is required to produce 93.46 pounds of refined sugar.

<sup>6</sup> Blackstrap (80° Brix), high-test molasses from frozen cane, and edible molasses.

Statistical Reporting Service.



Table 123.—Sugar, cane and beet: Production, United States and Republic of the Philippines, 1954-70

Crop year <sup>1</sup>	United States						Republic of the Philippines, cane sugar <sup>2</sup>
	Beet sugar (raw value <sup>3</sup> ), continental United States	Cane sugar (raw value <sup>2</sup> )				Total cane and beet sugar	
		Continental United States	Puerto Rico	Hawaii	Virgin Islands		
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1954	2,043	610	1,204	1,077	10	4,944	1,430
1955	1,739	572	1,166	1,140	10	4,627	1,372
1956	1,966	557	1,152	1,100	13	4,788	1,219
1957	2,188	531	990	1,085	15	4,809	1,143
1958	2,200	578	934	765	6	4,483	1,378
1959	2,340	615	1,087	975	12	5,029	1,512
1960	2,450	680	1,019	936	7	5,042	1,519
1961	2,404	858	1,110	1,092	17	5,481	1,451
1962	2,586	852	1,009	1,120	11	5,578	1,618
1963	3,096	1,183	989	1,101	16	6,385	1,714
1964	3,288	1,147	989	1,179	16	6,619	1,856
1965	2,894	1,104	897	1,218	4	6,117	1,767
1966	2,828	1,214	883	1,234	5	6,164	1,590
1967	2,636	1,457	818	1,191	5	6,102	1,718
1968	3,483	1,214	645	1,232	-----	6,574	1,759
1969	3,330	1,072	453	1,182	-----	6,067	1,760
1970 <sup>4</sup>	3,318	1,252	460	1,162	-----	6,192	2,100

<sup>1</sup> Crop year generally coincides with the calendar year except that small proportions of continental U.S. beet and cane sugar are processed early in the following year and that the Philippine crop year starts in October of the preceding year.

<sup>2</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

<sup>3</sup> Raw sugar, as made.

<sup>4</sup> Preliminary

Agricultural Stabilization and Conservation Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 125.

Table 124.—Sugarcane, sugar, and molasses: Acreage, yield, and production, Puerto Rico, 1954-70

Year <sup>1</sup>	Acreage in cane		Sugarcane harvested		Sugar produced (raw value <sup>2</sup> )		Blackstrap molasses produced
	Grown <sup>3</sup>	Harvested	Yield per acre	Total	Total	Per ton of sugarcane	
	1,000 acres	1,000 acres	Tons	1,000 tons	1,000 tons	Pounds	1,000 gallons
1954.....	424	367	26.6	10,880	1,204	221	61,585
1955.....	439	361	27.3	9,873	1,166	236	58,279
1956.....	407	353	29.2	10,306	1,152	224	56,900
1957.....	389	361	24.1	8,709	990	227	52,556
1958.....	387	328	27.7	9,067	934	206	56,915
1959.....	383	345	29.5	10,182	1,087	214	60,961
1960.....	372	328	30.5	10,001	1,019	204	58,631
1961.....	362	328	32.8	10,754	1,100	206	62,610
1962.....	343	309	31.3	9,663	1,009	209	56,204
1963.....	338	303	33.4	10,123	989	195	61,548
1964.....	329	303	32.3	9,802	989	202	64,565
1965.....	—	288	30.6	8,807	897	204	57,278
1966.....	—	273	34.7	9,465	883	187	60,846
1967.....	—	263	31.0	8,160	818	200	52,090
1968.....	—	237	27.8	6,590	645	196	43,977
1969.....	—	180	32.7	5,897	483	164	41,459
1970.....	—	189	31.2	5,891	460	156	45,414

<sup>1</sup> Grinding generally begins in January; December grindings are included in the following year. About one-third of the crop is 18 months' growth; two thirds is 12 months' growth.

<sup>2</sup> Beginning 1965, data not reported.

<sup>3</sup> Raw value is the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.

Agricultural Stabilization and Conservation Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 126.

Table 125.—Sugarcane, sugar, and molasses: Acreage, yield, and production in Republic of the Philippines, 1954-70

Crop year <sup>1</sup>	Sugarcane				Sugar produced				Molasses
	Acreage		Production for centrifugal sugar		Centrifugal as made	Muscovado and panocha	Centrifugal sugar made per ton sugarcane <sup>3</sup>		
	Total <sup>2</sup>	Harvested for centrifugal sugar	Yield per acre <sup>3</sup>	Total <sup>4</sup>					
	1,000 acres	1,000 acres	Tons	1,000 tons	1,000 tons	1,000 tons	Pounds	Metric tons <sup>5</sup>	
1954.....	661	528	23.71	12,516	1,372	58	219	833,257	
1955.....	596	468	23.23	10,871	1,219	60	224	262,179	
1956.....	580	444	22.39	9,941	1,143	73	230	223,245	
1957.....	599	463	25.30	11,712	1,378	75	235	316,941	
1958.....	623	484	27.82	13,467	1,512	78	225	364,026	
1959.....	597	504	27.29	13,754	1,529	64	222	352,647	
1960.....	584	525	24.64	12,941	1,563	70	241	337,885	
1961.....	592	535	26.74	14,306	1,618	41	226	360,623	
1962.....	640	588	26.90	15,685	1,714	50	219	446,074	
1963.....	760	722	24.13	17,421	1,856	52	213	541,787	
1964.....	870	809	19.38	15,680	1,767	62	225	535,162	
1965.....	790	735	19.92	14,640	1,590	63	217	421,994	
1966.....	769	708	23.78	16,840	1,718	62	204	443,430	
1967.....	810	756	22.47	16,989	1,759	63	207	502,875	
1968.....	847	793	22.86	18,130	1,760	65	194	566,670	
1969.....	897	840	25.67	21,561	2,100	63	195	809,853	
1970 <sup>7</sup> .....	966	914	25.83	23,611	2,300	58	195	890,000	

<sup>1</sup> Harvesting begins in October, the length of the growing season being about 11 months. <sup>2</sup> Total harvested acreage includes acreage for both centrifugal and noncentrifugal sugar. <sup>3</sup> Cane production divided by harvested acreage. <sup>4</sup> Cane production as reported. <sup>5</sup> As reported from 1954 to 1957; other years computed. <sup>6</sup> A metric ton is equivalent to 187.787 gallons. <sup>7</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information. Data for 1945-53 in *Agricultural Statistics, 1967*, table 127.

Table 126.—Sugar, cane and beet (raw value): Production, stocks, trade, and supply available for consumption in continental United States, 1954-70

Year	Production	Visible stocks beginning of period	Receipts from—		Commercial exports and shipments <sup>1</sup>	Department of Agriculture net purchases for export	Domestic disappearance		
			Foreign sources	Territories			Live-stock feed and alcohol	Military and civilian use	Per capita consumption (refined <sup>2</sup> )
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Pounds
1954.....	2,611	1,630	3,799	2,096	30	.....	9	8,302	95.6
1955.....	2,387	1,930	4,027	2,155	37	.....	19	8,516	96.3
1956.....	2,511	2,010	4,256	2,249	44	100	19	8,803	97.8
1957.....	2,560	1,905	4,277	1,947	30	.....	7	8,708	95.0
1958.....	2,815	1,890	4,891	1,459	60	.....	33	9,017	96.8
1959.....	2,822	1,878	4,674	1,947	57	.....	34	9,135	96.4
1960.....	4,012	2,083	4,885	903	46	.....	24	9,434	97.6
1961.....	4,268	2,446	4,407	996	55	.....	32	9,612	97.7
1962.....	4,399	2,319	4,682	915	66	.....	31	9,709	97.2
1963.....	4,870	2,377	4,594	891	30	.....	7	9,791	96.6
1964.....	5,587	2,633	3,633	809	21	.....	14	9,917	96.5
1965.....	5,371	2,967	4,028	834	89	.....	41	10,035	96.4
1966.....	5,288	2,857	4,495	717	65	.....	79	10,258	97.4
1967.....	5,297	2,795	4,804	705	72	.....	199	10,338	97.1
1968.....	5,628	2,959	5,131	504	79	.....	82	10,739	99.8
1969.....	5,482	3,050	4,886	342	82	.....	68	10,855	99.9
1970 <sup>3</sup> .....	5,890	2,875	5,330	352	75	.....	75	11,235	102.2

<sup>1</sup> Includes sugar used in manufacture of other commodities. <sup>2</sup> Adjusted for changes in invisible stocks (estimated) held by manufacturers, wholesalers, and retailers. <sup>3</sup> Preliminary.

Economic Research Service and Agricultural Stabilization and Conservation Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 128.

Table 127.—Sugar: Production in specified countries, average 1960-64, annual 1969 and 1970<sup>1</sup>

Continent and country	Average 1960-64	1969	1970 <sup>2</sup>	Continent and country	Average 1960-64	1969	1970 <sup>2</sup>
<b>CENTRIFUGAL SUGAR (raw value)<sup>3</sup></b>				<b>CENTRIFUGAL SUGAR (raw value)<sup>4</sup>—Continued</b>			
North America (cane):				Europe (beet unless otherwise indicated)—Continued	1,000	1,000	1,000
Canada (beet).....	155	148	121	Albania.....	14	18	19
Mexico.....	1,899	2,616	2,808	Bulgaria.....	207	375	350
United States:				Czechoslovakia.....	1,160	850	850
Continental (beet).....	2,774	3,400	3,400	Germany, East.....	869	650	650
Continental (cane).....	934	1,071	1,275	Hungary.....	492	550	450
Hawaii.....	1,122	1,235	1,235	Poland.....	1,693	1,683	1,885
Puerto Rico.....	999	460	500	Romania.....	408	550	500
Virgin Islands of U.S.....	12	0	0	Yugoslavia.....	323	545	498
British Honduras.....	33	75	65	Total Eastern Europe.....	5,166	5,221	5,202
Costa Rica.....	91	165	170	Total Europe.....	14,474	16,927	16,742
El Salvador.....	79	129	154	U.S.S.R. (Europe and Asia).....	7,623	9,500	10,500
Guatemala.....	137	196	217	Africa (cane):			
Honduras.....	29	68	71	Ethiopia.....	67	80	80
Nicaragua.....	97	165	165	United Arab Republic.....	401	450	450
Panama.....	42	76	80	Congo (Kinshasa).....	38	45	50
Cuba.....	5,596	9,400	6,500	Kenya.....	41	141	180
Dominican Republic.....	852	1,080	1,100	Tanzania <sup>5</sup> .....	51	100	110
Antigua.....	24	7	11	Uganda.....	128	160	165
Bahamas.....	0	25	0	Malagasy Republic.....	110	120	115
Barbados <sup>6</sup> .....	200	173	179	Mauritius.....	559	627	650
Guadeloupe.....	165	176	193	Mozambique.....	183	300	385
Haiti.....	70	75	80	Reunion.....	246	275	275
Jamaica.....	524	422	450	Rhodesia <sup>7</sup> .....	95	150	150
Martinique.....	85	30	37	South Africa, Republic of <sup>8</sup> .....	1,233	1,788	1,650
St. Kitts.....	47	34	37	Swaziland <sup>9</sup> .....	105	173	175
Trinidad and Tobago.....	258	242	282	Other Africa <sup>10</sup> .....	164	576	630
Total North America.....	16,224	21,448	19,120	Total Africa.....	3,411	4,985	5,035
South America (cane unless otherwise indicated):				Asia (cane unless otherwise indicated):			
Argentina.....	950	1,050	1,051	Iran (beet and cane).....	185	642	654
Bolivia.....	66	125	120	Turkey (Europe and Asia) (beet).....	639	600	719
Brazil.....	3,815	5,153	5,500	China: Mainland (cane and beet).....	1,026	2,200	2,300
Chile (beet).....	88	210	277	Taiwan.....	991	668	819
Colombia.....	421	774	764	Burma.....	66	100	125
Ecuador.....	162	235	270	India <sup>11</sup> .....	3,694	5,542	5,000
Guyana.....	359	386	350	Indonesia.....	708	700	800
Paraguay.....	40	50	56	Japan (beet and cane).....	229	462	470
Peru.....	878	816	882	Pakistan.....	225	875	847
Surinam.....	12	20	20	Philippines.....	1,704	2,100	2,300
Uruguay (beet and cane).....	53	49	73	Ryukyu Islands.....	161	275	275
Venezuela.....	325	416	425	Thailand.....	212	492	596
Total South America.....	7,169	9,293	9,788	Other Asia (cane and beet) <sup>12</sup> .....	101	128	120
Europe (beet unless otherwise indicated):				Total Asia.....	9,941	14,784	15,025
Belgium and Luxembourg.....	497	757	645	Oceania (cane):			
France.....	2,309	3,000	2,696	Australia.....	1,806	2,387	2,554
Germany, West.....	1,980	2,330	2,280	Fiji.....	266	347	400
Italy.....	1,082	1,472	1,440	Total Oceania.....	2,072	2,734	2,954
Netherlands.....	620	845	827	World total (cane).....	34,374	46,313	44,784
Total EEC.....	6,488	8,404	7,888	World total (beet).....	26,540	33,358	34,380
Austria.....	312	350	386	World total (cane and beet).....	60,914	79,671	79,164
Denmark.....	341	335	341				
Finland.....	58	60	60				
Greece <sup>13</sup> .....	30	181	198				
Ireland.....	156	165	166				
Portugal:							
Azores and Madeira.....	19	25	25				
Spain (cane and beet).....	560	876	970				
Sweden.....	312	228	268				
Switzerland.....	44	72	72				
United Kingdom.....	988	1,030	1,166				
Total Western Europe.....	9,308	11,706	11,540				

See footnotes at end of table.

Table 127.—Sugar: Production in specified countries, average 1960-64, annual 1969 and 1970<sup>1</sup>—Continued

Continent and country	Average 1960-64	1969	1970 <sup>2</sup>	Continent and country	Average 1960-64	1969	1970 <sup>2</sup>
NON-CENTRIFUGAL SUGAR (as produced) <sup>3</sup>				NON-CENTRIFUGAL SUGAR (as produced) <sup>3</sup> —Continued			
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
North America:				Asia:			
Costa Rica.....	76	45	46	Burma.....	163	160	160
El Salvador.....	24	30	24	China: Mainland.....	417	800	800
Guatemala.....	38	50	50	Taiwan.....	24	28	27
Mexico.....	136	127	127	India.....	4,985	6,614	6,000
Nicaragua.....	22	14	14	Indonesia.....	324	340	340
Panama.....	4	7	6	Japan.....	24	6	4
Total.....	300	273	267	Pakistan.....	768	794	795
South America:				Philippines.....	51	63	58
Colombia.....	663	739	750	Ryukyu Islands.....	15	15	15
Ecuador.....	38	44	45	Thailand.....	148	231	248
Peru.....	26	14	14	Vietnam, South.....	36	10	10
Venezuela.....	53	42	40	Total.....	6,975	9,049	8,457
Total.....	800	839	849	Total of above countries.....	8,075	10,161	9,573

<sup>1</sup> Years shown are crop-harvesting years. Campaigns beginning not earlier than May of year shown, nor later than April of following year, are included in the same crop year. The entire season's production of each country is credited to the May/April year in which harvesting and sugar production began.

<sup>2</sup> Preliminary.

<sup>3</sup> Centrifugal sugar, as distinguished from noncentrifugal, includes cane and beet sugar produced by the centrifugal process, which is the principal kind moving in international trade.

<sup>4</sup> Includes 3,000 tons each for St. Lucia and St. Vincent in the 1960-64 average.

<sup>5</sup> No sugar produced prior to 1961-62.

<sup>6</sup> Formerly Tanganyika; beginning 1964-65, includes Zanzibar.

<sup>7</sup> Prior to 1964-65, included Malawi and Zambia.

<sup>8</sup> Beginning 1962-63, Swaziland reported separately.

<sup>9</sup> Two-year average; prior to 1962-63, included in South Africa.

<sup>10</sup> "Other Africa" includes Algeria, Afars-Issas, Somali Republic, Sudan, Angola, Congo (Brazzaville), Liberia, Tunisia, Ghana, Malawi, Zambia, Morocco, and Nigeria.

<sup>11</sup> Includes Khandari.

<sup>12</sup> "Other Asia" includes Afghanistan, Israel, Syria, South Vietnam, Iraq, Lebanon, Ceylon, Nepal, and the Republic of Korea.

<sup>13</sup> Noncentrifugal sugar includes all types of sugar produced by other than centrifugal process which is largely for consumption in the relatively few areas where produced. The estimates include such kinds known as piloncillo, panels, papelon, chancaca, rapadura, jaggery, gur, muscovado, panocha, etc.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 128.—Sugar, cane and beet (raw value): Imports and domestic marketings, by source of supply, continental United States, average 1963-67, annual 1969 and 1970<sup>1</sup>

Country or area of supply	Average 1963-67	1969	1970 <sup>2</sup>	Country or area of supply	Average 1963-67	1969	1970 <sup>2</sup>
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Argentina.....	87	79	79	Peru.....	346	300	456
Australia.....	204	193	206	Philippines.....	1,180	1,124	1,299
Brazil.....	382	641	638	South Africa, Republic of.....	94	57	61
British West Indies and Guyana.....	158	227	217	China (Taiwan).....	77	80	86
Colombia.....	42	68	68	Other countries.....	87	131	133
Costa Rica.....	51	75	95	Total foreign countries.....	4,143	4,849	5,178
Dominican Republic.....	536	693	678	Domestic areas:			
Ecuador.....	64	93	71	Mainland (beet).....	2,907	3,216	3,577
El Salvador.....	28	47	46	Mainland (cane).....	1,069	1,169	1,308
Fiji Islands.....	47	42	45	Hawaii.....	1,147	1,160	1,145
French West Indies.....	59	72	68	Puerto Rico.....	783	341	352
Guatemala.....	48	64	63	Virgin Islands.....	8	0	0
Haiti.....	27	17	22	Total domestic areas.....	5,914	5,886	6,382
India.....	96	77	82	Grand total.....	10,057	10,735	11,560
Mexico.....	469	655	653				
Nicaragua.....	42	70	75				
Panama.....	19	44	37				

<sup>1</sup> Raw value is the equivalent in terms of 96° sugar. Imports and domestic marketings under annual sugar requirements determinations and quotas, pursuant to the Sugar Act of 1948, as amended. These comprise all sugar marketings except importations for re-export, livestock feed, and alcohol production, which were an average 157,326 tons during 1963-67, 125,388 tons in 1969, and 125,163 tons in 1970. <sup>2</sup> Preliminary.

Agricultural Stabilization and Conservation Service.

Table 129.—Sugar, cane (raw): <sup>1</sup> Refiners' stocks, receipts, meltings and direct consumption deliveries, continental United States, 1961-71

Year	Jan. 1 stocks	Receipts <sup>2</sup>	Meltings	Deliveries for direct consumption
	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1961.....	441	6,791	6,622	14
1962.....	696	7,048	7,032	12
1963.....	600	7,295	6,846	22
1964.....	1,027	6,165	6,584	10
1965.....	598	6,760	6,530	15
1966.....	513	7,245	7,174	15
1967.....	569	7,629	7,370	17
1968.....	812	7,759	7,720	17
1969.....	834	7,246	7,368	17
1970 <sup>3</sup> .....	695	7,781	7,654	16
1971 <sup>4</sup> .....	806	.....	.....	.....

<sup>1</sup> Expressed in raw value, the equivalent in terms of 96° sugar, as defined in the Sugar Act of 1948.<sup>2</sup> Includes refiners' total offshore raw sugar receipts in continental U.S. ports, whether entered through the customs or held pending availability of quota, and raw cane sugar produced from sugarcane in the continental United States.<sup>3</sup> Preliminary.Agricultural Stabilization and Conservation Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 131.Table 130.—Sugar, cane and beet (refined): Stocks, production or receipts, and deliveries, continental United States, 1961-71 <sup>1</sup>

Item and year	Cane sugar refineries <sup>2</sup>	Beet sugar factories	Importers of direct consumption sugar <sup>3</sup>	Mainland cane sugar mills <sup>4</sup>	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
<b>JAN. 1 STOCKS <sup>5</sup></b>					
1961.....	279	1,400	67	.....	1,746
1962.....	229	1,185	58	.....	1,472
1963.....	236	1,278	26	.....	1,540
1964.....	327	988	40	.....	1,325
1965.....	215	1,585	23	.....	1,823
1966.....	208	1,603	24	.....	1,835
1967.....	215	1,422	16	.....	1,654
1968.....	249	1,333	32	.....	1,616
1969.....	256	1,292	11	.....	1,559
1970.....	251	1,321	9	.....	1,581
1971 <sup>6</sup> .....	236	1,259	4	.....	1,499
<b>PRODUCTION OR RECEIPTS</b>					
1961.....	6,196	2,222	303	.....	8,723
1962.....	6,586	2,351	281	.....	9,218
1963.....	6,423	2,450	211	.....	9,084
1964.....	6,148	3,150	200	.....	9,498
1965.....	6,368	2,845	207	.....	9,420
1966.....	6,685	2,647	180	.....	9,512
1967.....	6,868	2,551	302	.....	9,721
1968.....	7,209	2,840	193	.....	10,242
1969.....	6,874	3,034	147	.....	10,055
1970 <sup>6</sup> .....	7,143	3,281	139	.....	10,563
<b>DELIVERIES <sup>7</sup></b>					
1961.....	6,247	2,437	312	55	9,051
1962.....	6,579	2,258	313	46	9,196
1963.....	6,352	2,771	197	50	9,350
1964.....	6,260	2,523	219	58	9,060
1965.....	6,374	2,827	206	65	9,472
1966.....	6,678	2,826	187	55	9,746
1967.....	6,834	2,639	286	54	9,813
1968.....	7,201	2,883	214	48	10,346
1969.....	6,879	3,005	148	49	10,081
1970 <sup>6</sup> .....	7,158	3,343	144	57	10,702

<sup>1</sup> All sugars converted to refined basis.<sup>2</sup> Includes Hawaiian sugar for direct consumption.<sup>3</sup> Includes Puerto Rican sugar for direct consumption.<sup>4</sup> Sugar for direct consumption only. Mainland cane sugar mills stocks and production not separately reported.<sup>5</sup> Stocks include sugar in bond and in customs custody and control.<sup>6</sup> Preliminary.<sup>7</sup> Includes deliveries for export, for livestock feed, and for use in alcohol.Agricultural Stabilization and Conservation Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 132.

Table 131.—Sugar, centrifugal (raw value): Stocks in specified countries, average 1960-64, annual 1969 and 1970

Country	Date <sup>1</sup>	Sugar-making season			Country	Date <sup>1</sup>	Sugar-making season		
		Average 1960-64	1969	1970 <sup>2</sup>			Average 1960-64	1969	1970 <sup>2</sup>
		1,000 tons	1,000 tons	1,000 tons			1,000 tons	1,000 tons	1,000 tons
Chile.....	Apr. 1	50	168	178	Ireland.....	Oct. 1	52	125	110
Colombia.....	May 1	41	57	38	Japan.....	Oct. 1	169	370	413
South Africa, Republic of.....	May 1	129	61	100	Netherlands.....	Oct. 1	107	300	141
Argentina.....	June 1	204	280	242	Philippines.....	Oct. 1	202	62	91
Australia.....	June 1	192	220	370	Sweden.....	Oct. 1	127	208	132
Brazil.....	June 1	806	1,541	1,182	Switzerland.....	Oct. 1	159	220	211
Mauritius.....	June 1	9	12	16	United States and Insular Areas.....	Oct. 1	1,220	1,649	1,839
Ecuador.....	July 1	55	123	93	Uruguay.....	Oct. 1	3	38	48
Spain.....	July 1	158	253	241	El Salvador.....	Nov. 1	2	50	47
Greece.....	July 1	55	92	104	Guatemala.....	Nov. 1	4	35	29
Finland.....	Aug. 1	51	130	130	India.....	Nov. 1	704	1,540	2,507
Guyana.....	Aug. 1	10	26	9	Mexico.....	Nov. 1	316	604	308
Italy.....	Aug. 1	371	240	369	Thailand.....	Nov. 1	108	88	147
Turkey.....	Aug. 1	145	587	365	United Arab Republic.....	Nov. 1	105	52	95
Canada.....	Sept. 1	141	254	280	Dominican Republic.....	Dec. 1	71	138	233
United Kingdom.....	Sept. 1	680	533	525	Barbados.....	Jan. 1	5	3	3
Venezuela.....	Sept. 1	66	103	50	Haiti.....	Jan. 1	14	2	5
Yugoslavia.....	Sept. 1	159	492	377	Jamaica.....	Jan. 1	13	32	13
Austria.....	Oct. 1	67	43	93	Nicaragua.....	Jan. 1	5	5	11
Belgium.....	Oct. 1	30	87	66	Peru.....	Jan. 1	85	95	47
Costa Rica.....	Oct. 1	11	42	48	Trinidad and Tobago.....	Jan. 1	3	3	7
Denmark.....	Oct. 1	76	63	72					
France.....	Oct. 1	496	972	1,372					
Germany, West.....	Oct. 1	465	929	927					
Iran.....	Oct. 1	421	497	547					
					Total.....		8,062	13,324	13,732

<sup>1</sup> All stock carryover dates apply to the year indicated at the head of each column, except for Jan. 1 and Apr. 1, which apply to the following year.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 132.—Sugar, centrifugal (raw value): International trade, average 1960–64, annual 1968 and 1969

Continent and country	Average 1960–64		1968		1969 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>North America:</b>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>	<i>1,000 tons</i>
British Honduras.....	27	( <sup>2</sup> )	69	( <sup>2</sup> )	55	( <sup>2</sup> )
Canada.....	19	789	26	951	17	953
Costa Rica.....	32	( <sup>2</sup> )	69	( <sup>2</sup> )	68	( <sup>2</sup> )
El Salvador.....	18	( <sup>2</sup> )	89	( <sup>2</sup> )	84	( <sup>2</sup> )
Guatemala.....	31	( <sup>2</sup> )	62	( <sup>2</sup> )	56	( <sup>2</sup> )
Honduras.....	1	5	19	0	2	1
Mexico.....	512	( <sup>2</sup> )	707	0	666	0
Nicaragua.....	43	( <sup>2</sup> )	46	4	68	3
Panama.....	8	( <sup>2</sup> )	32	0	44	0
United States.....	5	4,337	1	4,969	1	4,703
<b>Caribbean:</b>						
Antigua.....	23	0	6	( <sup>2</sup> )	5	( <sup>2</sup> )
Barbados.....	161	( <sup>2</sup> )	143	( <sup>2</sup> )	142	2
Cuba.....	5,483	0	5,085	0	5,290	0
Dominican Republic.....	872	( <sup>2</sup> )	672	0	681	0
Guadeloupe.....	178	0	138	0	138	0
Haiti.....	36	0	27	0	17	0
Jamaica.....	431	0	430	0	341	0
Martinique.....	79	0	31	0	24	0
Netherlands Antilles.....	0	7	0	8	0	9
St. Kitts.....	46	0	37	0	36	0
Trinidad and Tobago.....	214	( <sup>2</sup> )	226	( <sup>2</sup> )	225	( <sup>2</sup> )
Other countries <sup>1</sup> .....	1	9	0	13	10	15
<b>Total North America.....</b>	<b>8,220</b>	<b>5,147</b>	<b>7,935</b>	<b>5,965</b>	<b>7,970</b>	<b>5,686</b>
<b>South America:</b>						
Argentina.....	154	0	147	0	64	0
Bolivia.....	0	17	11	0	10	0
Brazil.....	613	0	1,131	0	1,169	0
Chile.....	0	203	0	80	0	280
Colombia.....	43	2	260	0	160	0
Ecuador.....	47	3	90	( <sup>2</sup> )	108	( <sup>2</sup> )
Guyana.....	323	1	329	( <sup>2</sup> )	392	( <sup>2</sup> )
Paraguay.....	3	0	( <sup>2</sup> )	0	( <sup>2</sup> )	0
Peru.....	548	( <sup>2</sup> )	515	0	295	0
Uruguay.....	0	66	0	61	0	63
Venezuela.....	12	0	69	0	22	( <sup>2</sup> )
Other countries <sup>1</sup> .....	3	( <sup>2</sup> )	22	( <sup>2</sup> )	(25)	1
<b>Total South America.....</b>	<b>1,746</b>	<b>292</b>	<b>2,574</b>	<b>141</b>	<b>2,245</b>	<b>344</b>
<b>Europe:</b>						
Belgium and Luxembourg.....	106	54	222	57	230	47
France.....	820	551	791	415	643	365
Germany, West.....	22	157	140	285	130	181
Italy.....	3	215	16	57	39	281
Netherlands.....	48	212	16	215	31	202
<b>Total EEC.....</b>	<b>999</b>	<b>1,189</b>	<b>1,185</b>	<b>1,029</b>	<b>1,073</b>	<b>1,076</b>
Austria.....	2	24	0	4	0	3
Denmark.....	67	20	169	1	54	9
Finland.....	0	170	62	257	66	260
Greece.....	0	122	0	82	0	54
Iceland.....	0	11	0	14	0	12
Ireland.....	21	48	18	58	18	40
Malta.....	0	15	0	22	0	14
Norway.....	0	171	0	215	0	182
Portugal.....	0	174	0	232	0	195
Spain <sup>1</sup> .....	3	148	0	357	0	198
Sweden.....	0	77	22	152	40	113
Switzerland.....	4	252	11	307	10	215
United Kingdom.....	476	2,584	247	2,287	243	2,369
<b>Total Western Europe.....</b>	<b>1,572</b>	<b>5,005</b>	<b>1,714</b>	<b>5,017</b>	<b>1,504</b>	<b>4,740</b>
Bulgaria.....	55	142	110	402	110	394
Czechoslovakia.....	467	83	344	220	331	228
Germany, East.....	263	181	186	345	182	245
Hungary.....	138	0	20	16	56	17
Poland.....	574	154	761	23	354	32
Romania.....	166	31	75	59	80	76
Yugoslavia.....	41	128	16	81	52	41
<b>Total Eastern Europe.....</b>	<b>1,704</b>	<b>719</b>	<b>1,512</b>	<b>1,146</b>	<b>1,165</b>	<b>1,033</b>
<b>Total Europe.....</b>	<b>3,276</b>	<b>5,724</b>	<b>3,226</b>	<b>6,163</b>	<b>2,669</b>	<b>5,773</b>

See footnotes at end of table.

Table 132.—Sugar, centrifugal (raw value): International trade, average 1960-64, annual 1968 and 1969—Continued

Continent and country	Average 1960-64		1968		1969 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
U.S.S.R. (Europe and Asia).....	645	2,387	1,558	1,935	1,295	1,472
<b>Africa:</b>						
Algeria.....	0	251	0	312	0	220
Angola.....	37	0	15	0	16	0
Ethiopia <sup>2</sup> .....	5	2	1	2	2	1
Ghana.....	0	61	0	77	0	80
Kenya.....	( <sup>3</sup> )	33	0	28	0	10
Liberia.....	0	3	0	4	0	5
Libya.....	0	29	0	37	0	80
Malagasy Republic.....	61	( <sup>3</sup> )	66	( <sup>3</sup> )	71	0
Mauritius.....	551	0	657	( <sup>3</sup> )	657	( <sup>3</sup> )
Morocco.....	11	380	1	310	1	280
Mozambique.....	126	( <sup>3</sup> )	145	45	180	0
Nigeria.....	0	70	0	0	0	80
Reunion.....	222	0	336	0	330	0
Rhodesia.....	29	33	83	0	130	0
Sierra Leone.....	0	18	0	30	0	28
Somali Republic.....	0	13	0	30	0	40
South Africa, Republic of <sup>4</sup> .....	486	14	1,401	( <sup>3</sup> )	787	12
Sudan.....	0	140	0	190	0	95
Tanzania.....	( <sup>3</sup> )	19	( <sup>3</sup> )	7	( <sup>3</sup> )	4
Togo.....	0	5	0	13	0	10
Tunisia.....	0	95	1	103	15	116
Uganda.....	36	( <sup>3</sup> )	3	( <sup>3</sup> )	31	( <sup>3</sup> )
United Arab Republic.....	50	75	68	63	93	122
Other countries <sup>5</sup> .....	14	274	55	330	60	350
<b>Total Africa.....</b>	<b>1,628</b>	<b>1,515</b>	<b>2,832</b>	<b>1,581</b>	<b>2,373</b>	<b>1,533</b>
<b>Asia:</b>						
Southern Yemen <sup>6</sup> .....	25	49	4	74	7	48
Afghanistan.....	9	44	0	32	0	40
Burma.....	0	22	0	0	0	0
Ceylon.....	0	220	0	267	0	375
China: Mainland.....	256	852	263	476	146	490
Taiwan.....	845	0	739	0	585	0
Cyprus.....	0	15	0	15	0	18
Hong Kong.....	43	195	22	168	17	143
India.....	326	0	181	0	117	0
Indonesia.....	65	0	0	132	0	110
Iran <sup>7</sup> .....	0	371	0	135	0	83
Iraq.....	0	225	0	292	0	304
Israel.....	0	78	0	161	0	105
Japan.....	13	1,573	56	2,264	27	2,456
Jordan.....	0	50	0	85	0	80
Korea, Republic of.....	0	37	3	172	10	300
Lebanon.....	0	43	1	26	( <sup>3</sup> )	48
Malaysia and Singapore.....	30	301	35	612	22	545
Pakistan.....	0	61	0	228	0	144
Philippines.....	1,174	0	1,124	0	1,065	0
Syria.....	0	77	0	60	0	111
Thailand.....	33	( <sup>3</sup> )	20	( <sup>3</sup> )	18	0
Turkey (Europe and Asia).....	183	0	32	0	175	0
Vietnam, South.....	0	54	0	227	0	160
Other countries <sup>8</sup> .....	59	218	15	375	50	400
<b>Total Asia.....</b>	<b>3,052</b>	<b>4,505</b>	<b>2,495</b>	<b>5,801</b>	<b>2,239</b>	<b>5,860</b>
<b>Oceania:</b>						
Australia.....	1,142	0	1,790	0	2,277	0
Fiji.....	255	( <sup>3</sup> )	382	( <sup>3</sup> )	355	( <sup>3</sup> )
New Zealand.....	( <sup>3</sup> )	142	( <sup>3</sup> )	172	( <sup>3</sup> )	181
Other countries <sup>9</sup> .....	0	18	0	15	0	15
<b>Total Oceania.....</b>	<b>1,397</b>	<b>160</b>	<b>2,172</b>	<b>187</b>	<b>2,632</b>	<b>196</b>
<b>World total.....</b>	<b>19,964</b>	<b>19,730</b>	<b>22,782</b>	<b>21,773</b>	<b>21,423</b>	<b>20,864</b>

<sup>1</sup> Preliminary. <sup>2</sup> Less than 500 tons. <sup>3</sup> Includes trade of other countries not shown separately. <sup>4</sup> Canary Islands, Ceuta, and Melilla considered provinces of Spain after Jan. 1, 1953. <sup>5</sup> Ethiopian calendar year. <sup>6</sup> Beginning 1965, Swaziland is not included. <sup>7</sup> Formerly Aden. <sup>8</sup> Iranian calendar year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 133.—Sugar (raw and refined): Average price per pound at specified markets, 1961-1970

Year	Wholesale price, cane sugar					Year	Wholesale price, cane sugar				
	Raw, 96° centrifugal			Refined	Retail price, granulated, United States <sup>4</sup>		Raw, 96° centrifugal			Refined	Retail price, granulated, United States <sup>4</sup>
	Havana, Cuba <sup>1</sup>	New York, c.i.f. basis <sup>2</sup>	New York, duty paid				Havana, Cuba <sup>1</sup>	New York, c.i.f. basis <sup>2</sup>	New York, duty paid		
	Cents	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents	Cents
1961-----	2.91	5.68	6.3	9.21	11.8	1966-----	1.86	6.36	7.0	10.15	12.0
1962-----	2.98	5.82	6.4	9.41	11.7	1967-----	1.99	6.65	7.3	10.41	12.1
1963-----	8.50	7.56	8.2	11.70	13.6	1968-----	1.98	6.90	7.5	10.60	12.2
1964-----	5.87	6.27	6.9	10.47	12.8	1969-----	3.37	7.12	7.8	11.22	12.4
1965-----	2.12	6.12	6.8	10.02	11.8	1970-----	3.75	7.45	8.1	11.74	12.9

<sup>1</sup> F.o.b. Caribbean and stowed.<sup>2</sup> Quotations are on a cost, insurance, and freight basis.<sup>3</sup> Average net wholesale price per pound. Includes excise tax of 0.535 cents per pound.<sup>4</sup> Averages of prices reported by urban dealers as of the 15th of the month. Derived from reported price for 5-pound container.Economic Research Service. Compiled from the following sources: New York Journal of Commerce; U.S. Department of Labor retail price series; and reports of the New York Coffee and Sugar Exchange. Data for 1944-60 in *Agricultural Statistics, 1967*, table 135.Table 134.—Sugar, centrifugal (raw value): United States imports by country of origin, average 1960-64, annual 1969 and 1970<sup>1</sup>

Country of origin	Average 1960-64	1969	1970 <sup>2</sup>	Country of origin	Average 1960-64	1969	1970 <sup>2</sup>
North and South America, including Caribbean area:	1,000 tons	1,000 tons	1,000 tons	Other countries:	1,000 tons	1,000 tons	1,000 tons
Argentina.....	49	57	79	Australia.....	134	217	201
Brazil.....	289	695	669	Fiji.....	23	41	54
Colombia.....	37	79	80	India.....	108	65	50
Costa Rica.....	29	68	73	Netherlands.....	6	0	0
Cuba.....	447	0	0	Philippines.....	1,209	1,064	1,398
Dominican Republic.....	529	679	714	South Africa, Republic of.....	70	62	82
Ecuador.....	39	94	102	China (Taiwan).....	91	78	84
French West Indies.....	51	59	64	Other.....	73	78	77
Guatemala.....	27	52	73	Total other countries.....	1,714	1,605	1,946
Haiti.....	34	17	22	World total.....	4,337	4,766	5,284
Mexico.....	448	645	630				
Nicaragua.....	41	59	74				
Panama.....	9	42	35				
Peru.....	410	285	427				
West Indies and Guyana.....	162	218	187				
Other America.....	22	112	109				
Total.....	2,623	3,161	3,338				

<sup>1</sup> Includes raw sugar imports and refined sugar imports converted to raw basis.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 135.—Sugar, centrifugal (raw value): United States exports by country of destination, average 1960-64, annual 1969 and 1970

Country of destination	Average 1960-64	1969	1970 <sup>1</sup>	Country of destination	Average 1960-64	1969	1970 <sup>1</sup>
North and South America, including Caribbean areas:				Europe—Continued			
Canada.....	Tons 847	Tons 166	Tons 415	United Kingdom.....	Tons 14	Tons 30	Tons 29
Bermuda.....	252	3	0	Other countries.....	38	37	30
Netherlands Antilles.....	275	85	94	Total.....	377	107	107
Bahamas.....	147	51	37				
Mexico.....	31	24	9	Other countries:			
British Honduras.....	35	53	161	Korea, Republic of.....	325	2	108
Other countries.....	249	119	114	Japan.....	218	47	27
Total.....	1,836	501	830	Liberia.....	483	0	4
Europe:				Pacific Islands <sup>2</sup> .....	566	181	134
Iceland.....	284	0	0	Morocco.....	78	0	0
Germany, West.....	12	8	14	Vietnam, South.....	385	20	0
Greece.....	12	2	2	Other.....	516	177	134
France.....	17	30	32	Total other.....	2,571	427	407
				World total.....	4,784	1,035	1,344

<sup>1</sup> Preliminary.<sup>2</sup> Nansei, Nanpo, and Trust Territory of the Pacific Islands.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 136.—Sugarcane sirup: Acreage, yield, production, price per gallon received by farmers, and value, United States, 1954-68

Year	Acreage har- vested for sirup	Yield per acre	Pro- duc- tion	Price <sup>1</sup>	Farm value	Year	Acreage har- vested for sirup	Yield per acre	Pro- duc- tion	Price <sup>1</sup>	Farm value
	1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars		1,000 acres	Gallons	1,000 gallons	Cents	1,000 dollars
1954.....	24	197	4,730	104	5,107	1962.....	10	284	2,702	106	3,008
1955.....	19	263	4,990	105	5,444	1963.....	8	335	2,814	123	3,556
1956.....	18	220	3,965	109	4,408	1964.....	8	360	2,989	111	3,415
1957.....	14	216	3,135	115	3,746	1965.....	8	352	2,923	116	3,486
1958.....	13	270	3,617	110	4,163	1966.....	6	337	2,121	122	2,653
1959.....	13	274	3,676	109	4,142	1967.....	6	398	2,346	125	2,962
1960.....	13	275	3,519	108	3,968	1968.....	7	386	2,661	124	3,204
1961.....	11	303	3,903	108	3,745	1969 <sup>2</sup> .....					

<sup>1</sup> Based on sales to Dec. 1. Obtained by weighting State prices by quantity sold.<sup>2</sup> Estimates discontinued.Statistical Reporting Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 138.

Table 137.—Maple sirup and sugar: Trees tapped, production, season average price received by farmers, value, and imports, United States, 1954-70

Year	Trees tapped <sup>1</sup>	Production		Yield of sirup per tree <sup>1</sup>	Price per gallon of sirup <sup>4</sup>	Farm value <sup>5</sup>	Imports for consumption	
		Sirup <sup>2</sup>	In terms of sugar <sup>3</sup>				Sirup <sup>6</sup>	Sugar
	1,000 trees	1,000 gallons	1,000 pounds	Gallons	Dollars	1,000 dollars	1,000 pounds	1,000 pounds
1954.....	6,391	1,672	13,376	0.26	4.63	7,741	4,096	6,643
1955.....	6,138	1,578	12,624	.26	4.68	7,383	5,044	6,024
1956.....	5,666	1,529	12,232	.27	4.79	7,328	7,090	6,769
1957.....	5,346	1,697	13,576	.32	4.44	7,545	8,348	4,912
1958.....	4,612	1,392	11,136	.30	4.51	6,276	7,235	6,006
1959.....	4,517	1,137	9,096	.25	4.80	5,456	7,620	7,408
1960.....		1,143	9,144		4.96	5,668	10,069	5,742
1961.....		1,524	12,192		4.78	7,290	9,967	5,979
1962.....		1,460	11,680		4.70	6,865	10,252	3,730
1963.....		1,143	9,144		4.86	5,559	11,778	4,960
1964.....		1,546	12,368		5.02	7,763	7,349	5,391
1965.....		1,266	10,128		5.04	6,389	9,700	4,688
1966.....		1,470	11,808		4.96	7,319	10,341	5,986
1967.....		979	7,832		5.33	5,213	12,656	4,140
1968.....		983	7,864		5.48	5,391	10,893	5,238
1969.....		1,032	8,256		6.15	6,350	13,069	4,674
1970 <sup>7</sup> .....		1,110	8,880		6.83	7,575	10,549	3,527

<sup>1</sup> Beginning 1960, data discontinued.<sup>2</sup> Includes sirup later made into sugar.<sup>3</sup> Assuming that 1 gallon of sirup is equivalent to 8 pounds of sugar.<sup>4</sup> Obtained by weighting State prices by quantity sold.<sup>5</sup> Includes value of sirup used in production of sugar.<sup>6</sup> A gallon of sirup weighs about 11 pounds.<sup>7</sup> Preliminary.Statistical Reporting Service and Economic Research Service. Data for 1944-53 in *Agricultural Statistics*, 1967, table 140.

Table 138.—Maple sirup: Production, by States, 1968-70

State	Sirup made <sup>1</sup>			State	Sirup made <sup>1</sup>		
	1968	1969	1970		1968	1969	1970
	1,000 gallons	1,000 gallons	1,000 gallons		1,000 gallons	1,000 gallons	1,000 gallons
Maine.....	7	8	10	Ohio.....	68	84	92
New Hampshire.....	38	44	51	Michigan.....	72	78	94
Vermont.....	285	290	305	Wisconsin.....	100	65	100
Massachusetts.....	24	29	32				
New York.....	300	348	332	United States.....	968	1,032	1,110
Pennsylvania.....	72	86	94				

<sup>1</sup> Includes sirup later made into sugar. Does not include production on nonfarm lands in Somerset County, Maine.

Statistical Reporting Service.

Table 139.—Edible sirups, molasses, and honey: Production, foreign trade, and indicated domestic consumption, United States, 1954-70

Year	Production <sup>1</sup>						Imports					
	Sirups						Honey	Total	Maple sirup	Edible molasses and cane sirup <sup>2</sup>	Honey	Total
	Corn	Cane	Sorghum	Maple <sup>3</sup>	Re-finers	Edible molasses						
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1954.....	133,071	4,805	2,552	1,672	3,814	2,958	18,372	167,244	371	2,015	777	3,163
1955.....	138,226	4,730	2,405	1,578	3,853	2,820	21,666	175,278	457	2,305	837	3,599
1956.....	141,504	4,990	3,594	1,529	3,882	3,198	18,169	176,861	643	2,046	406	3,095
1957.....	142,089	3,965	2,516	1,697	3,620	2,384	20,477	176,748	757	2,073	404	1,734
1958.....	153,481	3,135	2,282	1,392	4,892	2,553	22,116	189,851	656	1,286	335	2,277
1959.....	162,197	3,617	2,286	1,137	3,999	3,084	20,083	196,403	691	1,238	383	3,212
1960.....	169,776	3,676	1,943	1,143	4,134	2,714	20,611	203,997	908	1,884	1,049	3,841
1961.....	180,397	3,519	.....	1,524	3,846	3,379	21,721	214,386	904	911	768	2,583
1962.....	201,259	3,303	.....	1,460	2,691	3,075	21,189	232,977	929	3,827	604	5,360
1963.....	215,573	2,702	.....	1,143	2,769	2,772	22,647	247,606	1,068	1,706	221	2,995
1964.....	238,832	2,814	.....	1,546	2,862	2,685	21,323	270,062	666	2,119	417	3,202
1965.....	243,682	2,989	.....	1,266	2,994	2,648	20,654	274,233	879	3,349	1,127	5,355
1966.....	252,337	2,923	.....	1,476	2,493	2,563	20,916	282,708	938	3,061	806	4,805
1967.....	255,860	2,121	.....	979	2,402	2,477	18,890	282,699	1,147	1,065	1,416	3,628
1968.....	274,000	2,346	.....	966	2,561	2,466	16,599	299,238	988	3,732	1,427	6,147
1969.....	282,000	2,661	.....	1,032	2,235	2,532	23,873	314,353	1,185	2,266	1,244	4,695
1970 <sup>4</sup> .....	297,000	.....	.....	1,110	1,695	2,121	19,830	321,756	956	3,007	749	4,712

Year	Exports				Indicated domestic consumption						
	Corn sirup	Edible molasses and sirup, including maple <sup>4</sup>	Honey	Total	Sirups				Honey	Total	
					Corn	Maple	Sorghum <sup>1</sup>	Cane and refiners' sirup, and edible molasses			
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	
1954.....	3,233	272	2,061	5,566	129,838	2,043	2,552	13,320	17,088	164,841	
1955.....	3,386	248	1,739	5,373	134,840	2,035	2,405	13,460	20,764	173,504	
1956.....	3,189	249	1,548	4,986	138,315	2,172	3,594	13,862	17,027	174,970	
1957.....	2,745	250	1,681	4,676	139,344	2,454	2,516	10,292	19,290	173,806	
1958.....	2,396	165	1,902	4,463	151,085	2,048	2,282	11,701	20,549	187,665	
1959.....	2,245	155	1,062	3,462	159,952	1,828	2,286	12,683	19,404	196,153	
1960.....	1,836	182	797	2,815	167,940	2,051	1,943	12,226	20,863	205,023	
1961.....	1,370	173	607	2,150	179,027	2,428	.....	11,482	21,882	214,819	
1962.....	1,514	140	1,158	2,812	199,745	2,389	.....	12,756	20,635	225,525	
1963.....	2,055	192	2,125	4,372	213,518	2,211	.....	9,757	20,743	246,229	
1964.....	1,632	205	760	2,597	237,200	2,212	.....	10,275	20,980	270,667	
1965.....	1,003	.....	1,166	2,169	242,679	2,145	.....	11,980	20,615	277,419	
1966.....	1,038	.....	1,219	2,257	251,299	2,414	.....	11,040	20,503	285,256	
1967.....	1,113	.....	986	2,099	254,747	2,126	.....	8,065	19,200	284,228	
1968.....	1,100	.....	864	1,964	272,900	1,954	.....	11,105	17,462	303,421	
1969.....	1,300	.....	833	2,133	280,700	2,217	.....	9,694	24,284	316,895	
1970.....	1,300	.....	688	1,988	295,700	2,066	.....	6,823	19,891	324,480	

<sup>1</sup> Production of cane sirup, sorghum sirup, and edible molasses is of the fall of the preceding year. Estimates of sorghum discontinued, beginning 1961; cane sirup discontinued, beginning 1969.

<sup>2</sup> Does not include varying quantities produced on nonfarm lands in Somerset County, Maine.

<sup>3</sup> U.S. Department of Commerce molasses and sugar sirups series, less liquid sugar imports reported to Sugar Division, Agricultural Stabilization and Conservation Service.

<sup>4</sup> Unofficial estimates.

<sup>5</sup> Preliminary.

<sup>6</sup> Assumed to be largely refiners' sirup. Beginning 1965, data not available because of change in export classification.

Economic Research Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 142.



Table 140.—Feed and industrial molasses: Mainland production, inshipments and foreign trade, and total market supplies in the United States, 1954-70

Year	Production in mainland areas						Shipments from offshore domestic areas		
	Main-land cane	Do-mestic beet	Refiners' black-strap	Citrus	Hydrol	Total	Hawaii	Puerto Rico	Total
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1954.....	46,050	52,351	31,836	8,804	17,873	156,914	46,530	37,558	84,088
1955.....	49,187	52,061	32,954	8,422	15,502	158,126	50,413	44,232	94,645
1956.....	38,067	51,985	35,343	7,878	16,851	150,094	49,401	34,726	84,127
1957.....	42,532	63,171	32,024	10,474	16,249	164,450	54,140	20,459	74,579
1958.....	40,800	67,324	32,233	6,328	20,356	166,521	43,974	26,611	70,585
1959.....	42,826	76,920	35,416	7,669	21,494	182,325	60,230	24,233	84,477
1960.....	46,686	79,079	32,224	5,155	23,324	186,468	49,692	30,289	79,981
1961.....	60,075	98,211	35,620	5,949	23,153	223,008	50,653	38,618	89,271
1962.....	65,274	96,643	37,679	9,581	23,595	232,772	54,911	27,471	82,382
1963.....	89,876	124,602	35,150	5,396	27,939	282,963	51,563	16,500	68,133
1964.....	103,287	132,093	34,898	4,469	29,992	304,739	52,653	18,190	70,843
1965.....	84,722	116,589	36,915	8,564	26,740	273,530	51,861	21,104	72,965
1966.....	82,952	113,755	39,443	9,788	23,125	269,063	60,271	8,124	68,395
1967.....	97,206	99,826	37,696	17,291	20,400	273,659	55,662	5,619	61,281
1968.....	87,121	136,694	46,113	9,063	21,000	296,991	66,137	7,008	73,165
1969.....	74,139	152,000	42,700	13,732	21,000	303,571	48,430	4,778	53,208
1970 <sup>1</sup> .....	87,000	140,000	49,000	11,885	22,000	309,885	56,937	3,193	60,130

Year	United States imports from foreign countries					Mainland exports <sup>2</sup>	Total market supplies available
	Cuba	Dominican Republic	Mexico	Other	Total		
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1954.....	202,940	23,516	37,810	76,142	340,408	4,843	576,567
1955.....	232,696	34,573	43,277	67,266	377,812	4,863	625,720
1956.....	232,320	31,652	29,820	58,268	352,069	879	585,431
1957.....	117,471	21,789	40,059	52,217	231,536	2,545	468,020
1958.....	188,428	24,761	46,539	74,580	334,308	2,166	569,248
1959.....	90,497	47,426	61,651	82,563	282,137	2,372	546,567
1960.....	228,643	62,281	75,635	83,087	449,646	3,032	713,063
1961.....	12,417	53,834	70,807	123,437	260,496	2,220	570,554
1962.....	3	51,705	63,987	148,368	264,063	2,265	576,952
1963.....		42,926	63,175	134,322	270,423	5,475	616,064
1964.....		32,591	86,404	147,426	266,421	4,339	637,664
1965.....		41,329	95,564	131,123	268,016	2,536	611,975
1966.....		47,533	99,312	167,312	314,157	1,586	650,029
1967.....		40,171	130,705	179,672	350,548	996	683,492
1968.....		28,914	94,335	244,942	368,091	3,077	738,170
1969.....		44,363	112,481	204,819	361,663	2,992	715,450
1970 <sup>1</sup> .....		34,325	81,387	266,147	381,859	1,447	750,427

<sup>1</sup> Preliminary. <sup>2</sup> Does not include exports from Hawaii and Puerto Rico.Consumer and Marketing Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 143.

Table 141.—Honey: Colonies of bees, yield per colony, production of honey and beeswax, average price per pound received by beekeepers, and foreign trade in honey, United States, 1954-70 <sup>1</sup>

Year	Number of colonies	Honey yield per colony	Production		Prices		Honey imports and shipments for consumption <sup>2</sup>	Honey domestic exports
			Honey	Beeswax	All honey	Beeswax		
	Thousands	Pounds	1,000 pounds	1,000 pounds	Cents	Cents	1,000 pounds	1,000 pounds
1954.....	5,461	39.7	216,789	4,018	17.0	44.1	9,152	24,280
1955.....	5,252	48.6	255,222	4,620	17.8	51.2	9,856	20,458
1956.....	5,195	41.2	214,035	4,096	19.0	54.6	4,781	18,240
1957.....	5,199	46.4	241,218	4,452	18.7	57.0	4,755	19,799
1958.....	5,152	50.6	260,522	4,695	17.4	46.0	3,947	22,409
1959.....	5,109	46.3	236,578	4,215	17.0	44.4	4,509	12,507
1960.....	5,005	48.5	242,802	4,372	17.9	44.0	12,363	9,394
1961.....	4,992	51.3	255,868	4,720	18.0	44.1	9,042	7,151
1962.....	4,900	50.9	249,608	4,805	17.4	44.1	7,111	13,646
1963.....	4,849	55.0	266,778	4,828	18.0	44.2	2,601	25,035
1964.....	4,840	51.9	251,188	4,672	18.6	44.3	4,917	8,949
1965.....	4,785	51.1	244,549	4,749	17.8	44.9	13,344	13,806
1966.....	4,772	51.9	247,642	4,739	17.4	46.6	9,538	14,333
1967.....	4,819	46.3	223,300	4,541	15.6	58.8	16,767	11,674
1968.....	4,770	41.9	200,081	3,960	16.9	61.6	16,898	8,104
1969.....	4,737	59.7	282,653	5,462	17.4	61.1	14,726	9,868
1970 <sup>3</sup> .....	4,639	50.6	234,791	4,648	17.4	60.2	8,864	8,152

<sup>1</sup> Includes Hawaii.

<sup>2</sup> Compiled from reports of the U.S. Department of Commerce.

<sup>3</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Data for 1944-53 in *Agricultural Statistics*, 1967, table 144.

Table 142.—Honey: United States imports for consumption, by country of origin, average 1960-64, annual 1969 and 1970

Continent and country of origin	Average 1960-64	1969	1970 <sup>1</sup>	Continent and country of origin	Average 1960-64	1969	1970 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
North America:				Europe:			
Canada.....	105	871	1,384	Germany, West.....	51	88	105
Dominican Republic.....	108	9	372	Greece.....	51	72	72
Guatemala.....	86	203	11	Ireland.....	3	18	12
Haiti.....	51	0	0	Italy.....	4	8	9
Mexico.....	3,872	9,122	5,910	Spain.....	86	7	0
Other countries.....	21	421	160	United Kingdom.....	11	18	19
South America:				Other countries.....	42	66	69
Argentina.....	2,645	3,288	640	Africa, total.....	11	0	0
Brazil.....	21	127	0	Asia, total.....	2	15	73
Chile.....	7	353	0	Oceania, total.....	30	40	28
Other countries.....	0	0	0	Total.....	7,207	14,726	8,864

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the Bureau of the Census.

#### FOOTNOTES FOR TABLE 146

<sup>1</sup> Preliminary.

<sup>2</sup> Includes Kenya, Uganda, and Tanzania.

Foreign Agricultural Service. Compiled from reports of the Bureau of the Census.

Table 143.—Honey: Colonies of bees, yield per colony, and production of honey and beeswax, by States, 1969 and 1970

State and division	1969				1970			
	Number of colonies	Honey yield per colony	Production		Number of colonies	Honey yield per colony	Production	
			Honey	Beeswax			Honey	Beeswax
	Thousands	Pounds	1,000 pounds	1,000 pounds	Thousands	Pounds	1,000 pounds	1,000 pounds
Maine.....	4	25	100	2	4	24	96	2
New Hampshire.....	5	19	95	3	5	21	105	3
Vermont.....	7	42	294	5	7	44	308	6
Massachusetts.....	10	32	320	6	9	24	216	4
Rhode Island.....	2	22	44	1	2	23	46	1
Connecticut.....	9	17	153	4	8	21	168	5
New York.....	149	58	8,642	156	136	65	8,840	150
New Jersey.....	35	47	1,645	30	33	52	1,716	33
Pennsylvania.....	108	31	3,348	74	96	39	3,744	67
North Atlantic.....	329	45	14,641	281	300	51	15,239	271
Ohio.....	150	34	5,100	92	124	34	4,216	63
Indiana.....	88	53	4,664	98	82	49	4,018	72
Illinois.....	87	50	4,350	91	76	60	4,560	114
Michigan.....	121	83	10,043	161	116	60	6,960	132
Wisconsin.....	129	115	14,835	237	121	105	12,705	203
East North Central.....	575	68	38,992	679	519	63	32,459	584
Minnesota.....	174	121	21,054	358	177	110	19,470	350
Iowa.....	138	80	11,040	232	135	98	13,260	251
Missouri.....	101	42	4,242	81	96	39	3,744	75
North Dakota.....	53	125	6,625	113	58	113	6,554	131
South Dakota.....	110	135	14,850	252	118	115	13,520	231
Nebraska.....	104	81	8,424	177	109	88	9,592	173
Kansas.....	49	35	1,715	34	47	60	2,820	65
West North Central.....	729	93	67,950	1,247	740	93	68,980	1,276
Delaware.....	4	40	160	3	4	34	136	3
Maryland.....	28	45	1,260	25	27	36	972	17
Virginia.....	97	24	2,328	44	92	22	2,024	32
West Virginia.....	92	18	1,656	41	89	23	2,047	41
North Carolina.....	226	23	5,198	156	201	24	4,824	135
South Carolina.....	63	18	1,134	26	62	15	930	24
Georgia.....	176	34	5,984	102	174	32	5,568	111
Florida.....	337	75	25,275	455	364	69	25,116	452
South Atlantic.....	1,023	42	42,995	852	1,013	41	41,617	815
Kentucky.....	81	26	2,106	42	71	24	1,704	43
Tennessee.....	146	27	3,942	79	145	14	2,030	41
Alabama.....	89	28	2,492	60	85	26	2,210	42
Mississippi.....	56	32	1,792	54	57	28	1,596	56
Arkansas.....	92	28	2,576	52	93	26	2,418	58
Louisiana.....	82	42	3,444	58	82	40	3,280	56
Oklahoma.....	60	33	1,980	38	60	27	1,620	32
Texas.....	232	50	11,600	325	244	42	10,248	236
South Central.....	838	36	29,932	708	837	30	25,106	564
Montana.....	77	125	9,625	183	76	105	7,980	160
Idaho.....	218	54	11,772	188	220	41	9,020	207
Wyoming.....	32	78	2,496	42	30	75	2,250	36
Colorado.....	45	70	3,150	69	44	68	2,992	66
New Mexico.....	15	48	720	12	15	37	555	8
Arizona.....	75	42	3,150	82	59	45	2,655	69
Utah.....	49	50	2,450	51	50	36	1,800	32
Nevada.....	7	105	735	13	7	72	504	8
Washington.....	90	39	3,510	91	93	45	4,185	117
Oregon.....	71	53	3,763	75	72	51	3,672	73
California.....	559	83	46,397	882	559	28	15,562	358
Western.....	1,238	71	87,768	1,688	1,225	42	51,175	1,134
48 States.....	4,732	59.7	282,278	5,455	4,634	50.6	234,576	4,644
Hawaii.....	5	75	375	7	5	43	215	4
United States.....	4,737	59.7	282,653	5,462	4,639	50.6	234,791	4,648

Statistical Reporting Service.

Table 144.—Honey and beeswax: Average price per pound received by beekeepers, by States, 1969 and 1970

State and division	Honey prices							Beeswax prices, 1970	
	Wholesale, extracted, 1970			Retail, extracted, 1970	All <sup>1</sup> comb, 1970	All <sup>1</sup> chunk, 1970	All honey		
	Bulk	Pack-aged	All				1969		1970
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Maine.....	42	42	42	50	63	59	46.6	46.9	60
New Hampshire.....	42	42	42	49	65	65	42.7	48.7	65
Vermont.....	20	33	33	38	59	53	36.2	34.8	60
Massachusetts.....	22	37	35	45	61	65	44.8	39.2	75
Rhode Island.....	19	35	29	44	.....	.....	40.2	36.5	60
Connecticut.....	19	38	27	45	.....	.....	41.8	31.4	70
New York.....	14	24	15	33	49	46	16.5	16.5	65
New Jersey.....	18	26	23	45	64	62	28.5	31.4	67
Pennsylvania.....	15	22	16	33	41	41	21.6	20.2	57
Ohio.....	14	22	15	31	43	39	19.5	17.6	58
Illinois.....	16	27	16	36	49	.....	19.3	17.4	59
Indiana.....	17	27	19	33	44	35	20.2	21.5	59
Michigan.....	14	22	14	28	45	.....	16.2	15.2	61
Wisconsin.....	14	24	15	26	.....	.....	16.3	15.2	60
Minnesota.....	14	23	15	28	45	36	19.3	16.0	59
Iowa.....	14	25	15	33	39	36	16.3	15.8	60
Missouri.....	19	26	24	31	40	45	18.5	29.6	63
North Dakota.....	15	20	15	27	40	38	14.6	16.2	62
South Dakota.....	15	24	15	26	.....	.....	14.6	15.4	64
Nebraska.....	15	23	16	26	.....	.....	14.5	15.8	57
Kansas.....	14	24	15	27	44	39	16.6	16.5	61
Delaware.....	18	29	28	42	55	58	34.6	37.9	60
Maryland.....	17	32	27	39	52	51	31.5	31.0	60
Virginia.....	17	28	18	37	42	40	29.5	21.0	61
West Virginia.....	18	26	25	37	42	38	32.0	30.8	55
North Carolina.....	16	29	24	34	40	36	23.9	28.3	53
South Carolina.....	19	33	32	41	40	34	33.1	34.3	55
Georgia.....	15	27	16	41	30	30	17.0	17.6	59
Florida.....	14	24	14	29	.....	29	20.1	15.8	64
Kentucky.....	19	37	29	44	43	43	33.6	40.6	54
Tennessee.....	15	31	16	40	38	37	22.4	17.8	54
Alabama.....	12	28	13	34	40	38	22.5	23.6	61
Mississippi.....	12	26	15	32	33	32	20.8	18.9	58
Arkansas.....	10	28	23	36	40	35	26.4	27.5	60
Louisiana.....	12	24	14	30	.....	.....	14.6	14.3	60
Oklahoma.....	14	26	26	41	49	40	30.0	32.1	63
Texas.....	13	27	13	29	40	39	16.8	15.6	60
Montana.....	15	21	15	25	.....	.....	14.2	15.6	61
Idaho.....	14	22	14	23	.....	33	14.7	14.8	59
Wyoming.....	15	24	15	23	.....	.....	15.6	14.8	62
Colorado.....	14	22	16	28	38	40	18.8	17.0	61
New Mexico.....	14	29	14	37	.....	.....	13.0	14.8	55
Arizona.....	12	21	13	29	.....	.....	12.2	13.0	55
Utah.....	16	18	17	22	.....	.....	17.5	18.1	53
Nevada.....	14	17	14	28	.....	.....	15.3	14.6	59
Washington.....	13	24	13	25	45	28	15.4	14.2	61
Oregon.....	14	24	15	26	45	.....	15.8	17.2	58
California.....	13	16	13	34	.....	.....	13.4	14.2	60
48 States.....	14.2	25.8	15.3	32.1	41.7	36.2	17.4	17.4	60.2
Hawaii.....	14	25	14	31	.....	.....	14.3	15.0	78
United States.....	14.2	25.8	15.3	32.1	41.7	36.2	17.4	17.4	60.2

<sup>1</sup> Prices for wholesale and retail comb and chunk honey discontinued.

Statistical Reporting Service.

Table 145.—Honey and beeswax: Average wholesale prices for specified types and locations, 1961-70<sup>1</sup>

Item and location	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
<b>EXTRACTED HONEY, PER POUND<sup>2</sup></b>										
Florida White to Extra Light										
Amber Orange:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Florida Points <sup>3</sup> .....	14.6	14.0	14.5	14.7	13.2	12.5	-----	15.5	17.8	14.2
New York City <sup>4</sup> .....	15.8	15.9	17.5	17.2	17.4	16.3	-----	-----	20.7	19.8
California White to Water White										
Orange:										
Southern California Points <sup>5</sup> ...	11.9	12.7	13.3	13.6	11.6	11.3	11.7	12.1	13.1	14.7
New York City <sup>4</sup> .....	17.9	17.5	18.1	19.5	18.3	16.7	-----	-----	-----	-----
California Light Amber to Extra										
Light Amber Alfalfa:										
Imperial Valley Points <sup>6</sup> .....	10.4	10.5	14.1	13.0	10.5	10.0	10.5	11.3	12.3	14.5
White to Water White Sweetclover										
Alfalfa: <sup>7</sup>										
Intermountain Points.....	12.9	12.8	14.7	14.0	13.2	13.3	13.2	13.6	15.0	14.4
White Clover:										
New York and North Central										
States <sup>8</sup> .....	12.9	14.7	13.5	14.0	13.7	14.0	14.0	14.2	14.8	14.6
Northeastern Buckwheat:										
New York and Pennsylvania										
Points <sup>9</sup> .....	16.0	14.0	15.5	-----	-----	-----	-----	-----	-----	-----
<b>COMB HONEY, PER 24-SECTION CASE</b>										
White Clover No. 1 and Fancy, wrapped:										
New York and North Central	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
States <sup>6</sup> .....	8.84	9.26	9.69	9.77	9.96	9.82	9.95	10.83	10.71	11.08
<b>BEESWAX, PER POUND<sup>7</sup></b>										
Southern California.....	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Intermountain Region.....	42.0	42.4	42.9	42.0	43.1	47.0	60.1	61.1	66.0	55.6
White Clover Belt (North Central and Northeastern States).....	41.6	44.0	44.5	45.2	44.1	46.2	55.1	61.3	65.3	59.7
Average.....	41.7	43.2	43.2	44.4	44.4	47.2	57.6	61.9	65.8	58.5

<sup>1</sup> Simple average of average monthly prices.<sup>2</sup> Except where otherwise stated, price to beekeepers, f.o.b. shipping point or delivered nearby market.<sup>3</sup> Price paid beekeepers in large lots, mostly trucklots.<sup>4</sup> Sales by original receivers to bottlers, confectioners, bakers, or jobbers.<sup>5</sup> Price paid beekeepers or other shippers, mostly in trucklots or carlots.<sup>6</sup> Price paid beekeepers for large lots but mostly less than trucklots.<sup>7</sup> "Average yellow" or lighter beeswax price to beekeepers, f.o.b. shipping point or delivered nearby market.

Consumer and Marketing Service.

Table 146.—Beeswax crude: United States imports for consumption, by country of origin, average 1960-64, annual 1969 and 1970

Continent and country of origin	Average 1960-64	1969	1970 <sup>1</sup>	Continent and country of origin	Average 1960-64	1969	1970 <sup>1</sup>
North America:	1,000 pounds	1,000 pounds	1,000 pounds	Africa—Continued	1,000 pounds	1,000 pounds	1,000 pounds
Mexico.....	614	837	553	Mozambique.....	2	0	0
Cuba.....	139	0	0	British East Africa <sup>2</sup> .....	69	45	0
Dominican Republic.....	457	323	380	Equatorial Africa.....	4	0	0
Haiti.....	96	68	77	French West Africa.....	5	0	0
Guatemala.....	32	0	0	South Africa, Republic of.....	3	10	0
Canada.....	39	207	208	Somali Republic.....	17	0	0
Other countries.....	27	48	14	Other countries.....	70	53	34
South America:				Europe:			
Brazil.....	743	602	995	Portugal.....	115	22	33
Chile.....	641	610	498	Germany, West.....	14	0	0
Argentina.....	102	22	0	Turkey (Europe and Asia).....	176	44	33
Peru.....	16	7	0	Other countries.....	32	48	57
Other countries.....	10	3	0	Asia:			
Africa:				India.....	1	0	0
Ethiopia.....	633	806	272	Lebanon.....	0	0	0
Angola.....	519	569	455	Other countries.....	1	0	0
United Arab Republic.....	139	110	66	Oceania, total.....	3	2	0
Morocco.....	79	0	0	Total.....	4,864	4,436	3,697
Other Portuguese West Africa.....	26	0	22				

See footnotes on page 97.

Table 147.—Tobacco: Acreage, yield, production, value, and foreign trade, United States, 1954-70

Year	Acreage harvested	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers	Farm value	Foreign trade, year beginning July <sup>1</sup>	
						Domestic exports	Imports for consumption
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1954.....	1,557,239	1,234	1,981,586				
1954.....	1,667,500	1,346	2,243,735	51.1	1,146,830	461,550	109,753
1955.....	1,495,400	1,466	2,192,852	53.2	1,165,843	577,665	115,336
1956.....	1,363,500	1,596	2,175,556	53.7	1,168,841	500,677	121,638
1957.....	1,121,800	1,486	1,667,544	56.1	635,992	472,824	125,656
1958.....	1,077,900	1,611	1,736,418	59.9	1,040,386	473,288	152,038
1959.....	1,108,274	1,486	1,646,513				
1959.....	1,152,780	1,558	1,796,415	58.3	1,048,043	456,647	156,875
1960.....	1,141,530	1,703	1,944,175	60.9	1,183,802	504,231	164,206
1961.....	1,174,390	1,755	2,061,392	63.8	1,314,861	520,010	165,338
1962.....	1,224,080	1,891	2,314,782	58.9	1,363,822	473,294	161,969
1963.....	1,175,720	1,994	2,343,799	57.7	1,352,053	532,060	165,613
1964.....	1,085,162	1,938	1,987,804				
1964.....	1,077,810	2,067	2,227,932	59.2	1,317,943	483,967	183,919
1965.....	976,900	1,898	1,854,568	65.1	1,206,734	472,184	173,919
1966.....	973,900	1,937	1,886,819	66.4	1,252,890	626,635	184,898
1967.....	959,800	2,050	1,967,911	66.8	1,315,500	564,802	218,886
1968.....	880,280	1,943	1,710,398	69.5	1,188,664	515,970	210,716
1969.....	919,860	1,961	1,804,184	71.8	1,295,769	571,044	210,052
1970 <sup>1</sup> .....	898,330	2,120	1,906,383	72.8	1,388,558		

<sup>1</sup> Production figures are on a farm-sales-weight basis.<sup>2</sup> Includes all unmanufactured on a declared weight basis.<sup>3</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Foreign trade data compiled from reports of the U.S. Department of Commerce. Data for 1956-1953 in *Agricultural Statistics, 1967*, table 150.

Table 148.—Tobacco: Acreage, production, and season average price per pound received by farmers, by States, 1968-70

State	Acreage harvested			Production			Price <sup>1</sup> for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Massachusetts.....	2,660	2,300	2,220	3,531	3,154	3,562	235.9	333.7	330.9
Connecticut.....	7,300	5,600	5,500	9,499	7,252	8,657	231.0	320.7	314.5
Pennsylvania.....	21,000	20,000	18,000	37,275	37,500	32,400	30.0	30.0	31.0
Ohio.....	9,450	9,100	8,350	18,779	21,897	20,844	66.0	64.7	66.9
Indiana.....	5,800	5,900	5,400	13,253	14,750	14,580	73.7	70.4	71.4
Wisconsin.....	7,700	7,400	8,800	14,043	13,154	18,436	37.3	41.8	51.1
Missouri.....	2,200	2,150	2,000	5,434	5,303	5,200	72.3	70.0	68.0
Maryland.....	30,000	28,000	26,000	31,950	28,000	27,500	69.8	75.1	( <sup>2</sup> )
Virginia.....	66,600	72,000	68,300	112,682	134,629	125,844	65.9	70.2	69.5
West Virginia.....	1,950	1,950	1,700	3,305	3,578	3,259	73.0	68.0	71.0
North Carolina.....	338,400	386,400	391,100	667,375	715,968	815,520	66.6	72.1	71.7
South Carolina.....	62,600	68,500	67,500	122,383	136,658	141,075	66.4	72.8	71.9
Georgia.....	57,350	60,600	66,750	107,731	97,892	133,305	71.8	77.3	76.7
Florida.....	15,300	15,650	15,000	26,470	26,028	28,923	115.0	121.2	104.7
Kentucky.....	172,500	173,400	157,100	413,945	436,802	411,671	71.9	68.0	70.7
Tennessee.....	58,740	59,160	53,880	121,691	120,798	114,269	69.9	65.0	69.6
Alabama.....	520	550	570	884	800	892	68.5	66.0	71.0
Louisiana.....	210	220	210	168	121	189	77.0	76.0	80.0
United States.....	880,280	919,860	898,330	1,710,398	1,804,184	1,906,383	69.5	71.8	72.8

<sup>1</sup> Preliminary.<sup>2</sup> For prices on a type basis, see tables 149 and 151.<sup>3</sup> Evaluated at 79.7 cents per pound, the average auction sales through May 5, 1971, to obtain 1970 farm value in table 147.

Statistical Reporting Service.



Table 149.—Tobacco: Acreage, production, and season average price per pound received by farmers, by class and type, 1968-70

Class and type	Type No.	Acreage harvested			Production			Price for crop of—		
		1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
		<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Flue-cured:										
Old and Middle Belts	11	186,800	204,000	201,000	308,848	361,220	370,890	64.6	71.5	70.2
Eastern North Carolina Belt	12	171,000	185,000	187,000	334,305	350,575	417,945	67.6	72.6	72.7
N.C. Border and S.C. Belt	13	107,100	116,000	117,300	211,161	224,058	246,651	66.7	72.8	71.8
Georgia-Florida Belt	14	68,120	71,830	78,770	127,227	116,953	157,475	68.4	73.5	74.9
Total	11-14	533,020	576,830	584,070	981,541	1,052,806	1,192,961	66.6	72.4	72.0
Fire-cured:										
Virginia Belt	21	4,900	5,000	5,000	5,904	6,700	6,150	46.9	53.1	52.0
Eastern District	22	13,700	14,300	13,000	25,329	25,820	24,396	51.5	48.4	54.8
Western District	23	4,190	4,660	4,080	7,269	8,253	6,528	50.0	47.3	53.1
Total	21-23	22,790	23,960	22,680	38,502	40,773	37,074	50.5	48.9	54.0
Air-cured (light):										
Burley Belt	31	237,550	237,700	216,400	563,367	591,395	560,545	73.7	69.6	72.2
Southern Maryland Belt	32	30,000	28,000	26,000	31,950	28,000	27,560	69.8	75.1	( <sup>2</sup> )
Total	31-32	267,550	265,700	242,400	595,317	619,395	588,105	73.5	69.8	72.6
Air-cured (dark):										
One Sucker Belt	35	6,750	7,100	5,850	12,642	13,279	10,926	49.5	40.7	47.5
Green River Belt (Ky.)	36	3,100	3,000	2,400	5,394	4,830	4,440	42.7	39.4	42.5
Virginia Sun-cured Belt	37	1,100	1,100	1,000	1,204	1,348	1,100	53.2	52.8	53.8
Total	35-37	10,950	11,200	9,250	19,240	19,457	16,466	47.8	41.2	46.5
Cigar filler:										
Pennsylvania Seed-leaf	41	21,000	20,000	18,000	37,275	37,500	32,400	30.0	30.0	31.0
Ohio Miami Valley types	42-44	2,050	1,700	1,650	3,424	2,805	2,888	31.0	32.5	35.0
Total	41-44	23,050	21,700	19,650	40,699	40,305	35,288	30.1	30.2	31.3
Cigar binder:										
Connecticut Valley Broadleaf	51	1,200	1,200	1,300	2,118	1,686	2,210	60.0	59.0	65.0
Connecticut Valley Havana seed	52	360	400	370	702	608	722	58.0	56.0	59.0
Southern Wisconsin	54	3,700	3,700	4,400	7,363	6,438	9,394	36.8	40.2	50.3
Northern Wisconsin	55	4,000	3,700	4,400	6,680	6,716	9,042	37.9	43.4	52.0
Total	51-55	9,260	9,000	10,470	16,863	15,448	21,368	41.0	44.3	52.8
Cigar wrapper:										
Connecticut Valley shade-grown	61	8,400	6,300	6,050	10,210	8,112	9,287	280.0	400.0	400.0
Georgia-Florida shade-grown <sup>2</sup>	62	5,050	4,950	3,550	7,858	7,767	5,645	270.0	280.0	270.0
Total	61-62	13,450	11,250	9,600	18,068	15,879	14,932	275.7	341.3	350.9
Total cigar types	41-62	45,760	41,950	39,720	75,630	71,632	71,588	91.2	102.2	104.4
Miscellaneous:										
Louisiana-Perique	72	210	220	210	168	121	189	77.0	79.0	80.0
United States	All	880,280	919,860	898,330	1,710,398	1,804,184	1,906,383	69.5	71.8	72.8

<sup>1</sup> Preliminary.<sup>2</sup> Evaluated at 79.7 cents per pound, the average auction sales through May 5, 1971.<sup>3</sup> Includes fire-cured wrapper.

Statistical Reporting Service.

Table 150.—Tobacco: Acreage, yield, and production in specified countries, average 1960-64, annual 1969 and 1970<sup>1</sup>

Continent and country	Acreage harvested			Yield per acre			Production		
	Average 1960-64	1969 <sup>2</sup>	1970 <sup>3</sup>	Average 1960-64	1969 <sup>2</sup>	1970 <sup>3</sup>	Average 1960-64	1969 <sup>2</sup>	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>									
Canada	121	133	108	1,625	1,684	2,007	196,295	247,465	216,235
United States	1,159	922	905	1,880	1,957	2,106	2,178,400	1,804,165	1,905,731
Puerto Rico	28	6	5	1,115	1,227	1,259	31,180	7,920	6,454
Costa Rica	3	4	4	826	1,073	1,056	2,676	3,866	3,800
El Salvador	2	1	1	1,074	1,356	1,454	2,311	1,239	1,861
Guatemala	5	4	4	680	1,295	1,230	3,738	4,734	5,330
Honduras	11	10	10	560	446	669	6,013	4,409	6,614
Mexico	91	87	91	1,058	1,576	1,528	96,364	136,906	138,883
Nicaragua	3	4	4	915	1,000	1,000	2,417	3,600	3,600
Panama	2	2	2	771	876	880	1,666	2,150	2,200
Cuba	113	—	—	760	—	—	87,000	—	—
Dominican Republic	63	44	80	983	1,064	1,104	61,729	46,297	55,115
Haiti	6	6	6	410	410	410	2,440	2,500	2,600
Jamaica	3	12	12	827	868	868	2,450	10,750	10,750
<b>Total</b>	<b>1,810</b>	<b>1,368</b>	<b>1,335</b>				<b>2,674,679</b>	<b>2,376,001</b>	<b>2,450,093</b>
<b>South America:</b>									
Argentina	109	133	147	974	871	953	106,262	116,187	139,833
Bolivia	3	2	2	748	893	893	2,165	2,206	2,206
Brazil	481	471	486	698	868	900	336,211	409,202	437,613
Chile	8	6	9	1,906	1,855	1,872	15,666	11,600	17,200
Colombia	45	58	58	1,721	1,640	1,677	76,950	95,900	97,002
Paraguay	28	49	54	1,081	1,070	1,057	30,731	52,910	57,000
Peru	7	5	6	874	1,014	1,066	5,872	4,960	6,614
Uruguay	1	1	1	564	608	674	418	661	750
Venezuela	16	20	20	1,244	1,331	1,353	20,075	26,654	27,700
<b>Total</b>	<b>698</b>	<b>745</b>	<b>783</b>				<b>594,350</b>	<b>720,280</b>	<b>785,938</b>
<b>Europe:</b>									
Belgium	3	1	1	2,229	2,701	2,553	6,024	4,079	4,100
France	55	48	48	1,667	2,053	2,179	92,090	99,570	104,099
Germany, West	11	8	8	2,001	1,925	1,990	22,158	16,024	16,300
Italy	117	115	112	1,072	1,521	1,486	125,595	175,054	165,852
<b>Total EEC</b>	<b>186</b>	<b>172</b>	<b>169</b>				<b>245,867</b>	<b>294,727</b>	<b>290,351</b>
Austria	1	1	1	1,677	1,945	1,845	1,466	1,484	1,323
Greece	301	249	261	727	693	832	218,741	172,865	217,559
Spain	45	32	38	1,410	1,236	1,250	63,492	39,540	47,399
Switzerland	2	2	2	1,911	2,412	2,333	4,037	4,806	5,600
<b>Total Western Europe</b>	<b>535</b>	<b>456</b>	<b>471</b>				<b>533,603</b>	<b>513,422</b>	<b>562,232</b>
Bulgaria	276	282	—	766	793	—	211,393	223,437	—
Germany, East	12	—	—	1,038	—	—	12,626	—	—
Hungary	45	—	—	1,060	—	—	48,192	—	—
Poland	95	113	114	1,354	1,644	—	128,132	186,289	—
Yugoslavia	108	119	112	788	781	961	84,965	92,593	107,633
<b>Total Eastern Europe</b>	<b>582</b>	<b>513</b>	<b>522</b>				<b>581,687</b>	<b>513,419</b>	<b>579,953</b>
<b>Total Europe</b>	<b>1,217</b>	<b>1,199</b>	<b>1,193</b>				<b>1,115,290</b>	<b>1,226,841</b>	<b>1,302,185</b>
<b>U.S.S.R. (Europe and Asia)</b>	<b>365</b>	<b>437</b>	<b>440</b>	<b>1,009</b>	<b>1,260</b>	<b>1,302</b>	<b>368,206</b>	<b>551,150</b>	<b>573,000</b>
<b>Africa:</b>									
Algeria	38	30	32	431	500	500	16,301	15,220	16,000
Libya	3	2	2	889	1,690	1,690	2,301	3,550	3,550
Morocco	4	3	4	1,115	893	1,081	4,126	2,937	4,000
Tunisia	5	8	6	592	653	800	2,671	4,963	5,116
Angola	9	23	23	650	695	695	5,644	16,000	16,000
Cameroon	11	14	14	496	588	588	5,666	8,000	8,000
Central African Rep.	—	—	—	—	—	—	—	—	—
and Congo (Brazzaville)	8	7	7	558	443	443	4,250	3,100	3,100
Congo (Kinshasa)	3	1	1	732	625	625	2,503	500	500
Kenya	( <sup>4</sup> )	1	1	( <sup>4</sup> )	1,292	1,614	1,370	1,260	1,800
Malagasy	18	18	16	608	631	620	10,862	11,023	9,921
Malawi	131	79	102	272	334	481	35,492	26,422	48,891
Mauritius	1	1	1	1,239	1,647	1,535	1,093	1,637	975
Mozambique	10	14	20	519	592	710	5,093	8,598	14,200

See footnotes at end of table.

Table 150.—Tobacco: Acreage, yield, and production in specified countries, average 1960-64, annual 1969 and 1970—Continued

Continent and country	Acreage harvested			Yield per acre			Production		
	Average 1960-64	1969 <sup>1</sup>	1970 <sup>1</sup>	Average 1960-64	1969 <sup>1</sup>	1970 <sup>1</sup>	Average 1960-64	1969 <sup>1</sup>	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Africa—Continued</b>									
Nigeria	46	42	52	581	537	695	26,946	22,793	36,200
Rwanda and Burundi	5	5	5	604	660	660	3,020	3,400	3,500
Rhodesia	219	115	115	1,033	1,198	1,198	226,233	137,300	137,300
Tanzania	12	53	54	462	500	509	5,651	26,642	27,700
Uganda	10	18	17	533	584	630	5,128	10,332	11,023
Zambia	23	16	16	827	756	858	19,126	12,038	12,785
South Africa, Republic of	86	105	112	703	794	667	60,480	83,200	74,800
<b>Total</b>	<sup>1</sup> 665	<sup>1</sup> 582	<sup>1</sup> 627				<sup>1</sup> 451,176	<sup>1</sup> 408,359	<sup>1</sup> 444,675
<b>Asia:</b>									
Cyprus	6	5	5	357	446	440	2,009	2,258	2,200
Iran	52	41	42	507	937	1,028	26,137	38,715	43,519
Iraq	33	44	55	618	602	625	20,639	26,500	34,300
Israel	7	8	8	459	544	538	3,259	4,409	4,409
Jordan	10	13	10	304	407	327	3,045	5,392	3,428
Lebanon	12	16	18	847	906	911	9,795	14,770	15,983
Syria	28	26	26	540	753	778	15,055	19,841	20,000
Turkey (Europe and Asia)	487	778	651	572	407	440	278,771	316,658	286,596
China (Mainland)	1,603			873			1,399,820		
Burma	118	183	188	747	670	714	88,212	125,440	124,400
Ceylon	18	28	28	491	582	582	8,839	16,000	16,000
China (Taiwan)	20	28	28	1,875	1,642	1,639	38,439	45,214	46,282
India	1,016	1,087	1,072	725	732	695	736,399	795,861	745,596
Indonesia	439	593	516	363	452	466	159,569	286,000	240,000
Japan	166	187	174	2,014	2,041	1,900	333,382	382,520	330,769
Korea, Republic of	56	81	103	1,372	1,617	1,630	76,291	130,501	168,630
Pakistan	209	276	278	1,018	1,325	1,331	212,912	368,070	370,060
Philippines	243	273	261	629	622	635	152,708	170,107	165,874
Thailand	129	218	210	500	605	450	64,730	90,730	95,187
Vietnam, South; Laos; Cambodia	56	91	91	608	624	624	34,035	56,760	56,760
<b>Total</b>	<sup>1</sup> 4,708	<sup>1</sup> 5,635	<sup>1</sup> 5,438				<sup>1</sup> 3,664,066	<sup>1</sup> 4,808,570	<sup>1</sup> 4,411,905
<b>Oceania:</b>									
Australia	27	26	27	1,003	1,360	1,404	26,856	35,022	37,900
New Zealand	5	5	5	1,742	1,492	1,489	8,302	7,604	7,700
<b>Total</b>	<sup>1</sup> 32	<sup>1</sup> 31	<sup>1</sup> 32				<sup>1</sup> 35,158	<sup>1</sup> 42,626	<sup>1</sup> 45,600
<b>World total</b>	<sup>1</sup> 9,295	<sup>1</sup> 9,907	<sup>1</sup> 9,848				<sup>1</sup> 8,902,925	<sup>1</sup> 9,833,827	<sup>1</sup> 10,022,396

<sup>1</sup> Production harvested within the calendar year specified. Farm-sales weight is about 10 percent above dry weight which is normally reported in trade statistics.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes estimates for countries where data are not yet available, and producing countries not shown.

<sup>4</sup> Not available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 151.—Tobacco: Acreage, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1966-70 (farm-sales-weight basis)

Type and crop year	Acreage	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Average price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
<b>Total flue-cured, types 11-14:</b>									
1966	607,000	1,825	1,107,861	2,438,835	3,546,696	1,274,172	587,116	687,056	66.9
1967	610,260	2,070	1,263,159	2,272,524	3,535,683	1,220,970	533,261	687,709	64.2
1968	533,020	1,841	981,541	2,301,535	3,283,076	1,197,067	525,285	671,782	66.6
1969	576,830	1,825	1,052,806	2,100,113	3,152,919	1,200,036	534,636	665,420	72.4
1970 <sup>4</sup>	582,770	2,044	1,191,113	1,952,863	3,143,976				72.0

See footnotes on page 110.

Table 151.—Tobacco: Acreage, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1966-70 (farm-sales-weight basis)—Cont.

Type and crop year	Acreage	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Average price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
Total fire-cured, types 21-23:	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents
1966.....	26,950	1,772	47,742	112,696	160,438	54,313	31,003	23,310	42.1
1967.....	22,700	1,604	36,417	106,125	142,542	52,001	33,785	18,216	45.2
1968.....	22,700	1,689	38,502	90,541	129,043	46,521	24,299	22,222	50.5
1969.....	23,960	1,702	40,773	82,322	123,295	49,656	29,555	20,101	48.9
1970 <sup>4</sup> .....	22,850	1,724	39,445	73,639	113,084	—	—	—	54.0
Virginia fire-cured, type 21:									
1966.....	6,000	1,255	7,530	16,893	24,423	9,584	7,339	2,245	41.2
1967.....	5,400	1,290	6,966	14,839	21,805	10,070	6,677	3,393	40.9
1968.....	4,900	1,205	5,904	11,735	17,639	7,788	4,676	3,112	46.9
1969.....	5,000	1,340	6,700	9,851	16,551	6,754	5,053	1,701	53.1
1970 <sup>4</sup> .....	5,000	1,300	6,500	9,797	16,297	—	—	—	52.0
Kentucky and Tennessee fire-cured, types 22-23:									
1966.....	20,950	1,919	40,212	95,803	136,015	44,729	23,664	21,065	42.2
1967.....	17,300	1,702	29,451	91,286	120,737	41,931	27,108	14,823	46.2
1968.....	17,890	1,822	32,598	78,806	111,404	38,733	19,623	19,110	51.1
1969.....	18,960	1,797	34,073	72,671	106,744	42,902	24,502	18,400	48.1
1970 <sup>4</sup> .....	17,850	1,843	32,945	63,842	96,787	—	—	—	54.4
Burley, type 31:									
1966.....	240,700	2,437	586,672	1,395,344	1,982,016	600,477	56,388	544,089	66.9
1967.....	237,700	2,274	540,635	1,381,539	1,922,174	598,069	53,376	544,693	71.8
1968.....	237,550	2,372	563,367	1,324,105	1,887,472	570,997	54,923	516,074	73.7
1969.....	237,700	2,488	591,395	1,316,475	1,907,870	565,167	58,118	507,049	69.6
1970 <sup>4</sup> .....	216,700	2,585	560,140	1,342,703	1,902,843	—	—	—	72.2
Maryland, type 32:									
1966.....	35,000	1,030	36,050	90,741	135,791	40,209	16,479	23,730	48.6
1967.....	31,500	1,030	32,445	95,582	128,027	36,046	15,733	20,313	62.4
1968.....	30,000	1,063	31,950	91,981	123,931	48,685	10,351	38,334	69.8
1969.....	28,000	1,000	28,000	75,246	103,246	41,285	12,234	29,051	75.1
1970 <sup>4</sup> .....	26,000	1,040	27,040	61,961	89,001	—	—	—	—
Total dark air-cured, types 35-37:									
1966.....	12,100	1,880	22,754	64,950	87,704	23,048	4,740	18,308	37.6
1967.....	10,700	1,569	16,785	64,656	81,441	19,340	3,317	16,023	41.2
1968.....	10,950	1,757	19,240	62,101	81,341	18,484	2,302	16,182	47.8
1969.....	11,200	1,731	19,457	62,857	82,314	25,296	2,585	22,711	41.2
1970 <sup>4</sup> .....	9,500	1,802	17,120	57,018	74,138	—	—	—	46.5
One Sucker, type 35:									
1966.....	7,200	1,976	14,228	37,947	52,175	14,823	3,310	11,513	37.8
1967.....	6,500	1,608	10,452	37,352	47,804	11,370	2,387	8,983	42.3
1968.....	6,750	1,873	12,642	36,434	49,076	10,428	1,477	8,951	49.5
1969.....	7,100	1,870	13,279	38,648	51,927	17,619	1,925	15,694	40.7
1970 <sup>4</sup> .....	6,000	1,912	11,470	34,308	45,778	—	—	—	47.5
Green River, type 36:									
1966.....	3,500	2,010	7,035	22,695	29,730	6,583	1,044	5,539	36.3
1967.....	3,000	1,675	5,025	23,147	28,172	6,428	579	5,849	37.9
1968.....	3,100	1,740	5,394	21,744	27,138	6,720	579	6,141	42.7
1969.....	3,000	1,610	4,830	20,418	25,248	5,865	394	5,471	39.4
1970 <sup>4</sup> .....	2,500	1,800	4,500	19,383	23,883	—	—	—	42.5
Virginia sun-cured, type 37:									
1966.....	1,400	1,065	1,491	4,308	5,799	1,642	386	1,256	42.3
1967.....	1,200	1,090	1,308	4,157	5,463	1,542	351	1,191	45.2
1968.....	1,100	1,095	1,204	3,923	5,127	1,336	246	1,090	53.2
1969.....	1,100	1,225	1,348	3,791	5,139	1,812	266	1,546	52.8
1970 <sup>4</sup> .....	1,000	1,150	1,150	3,327	4,477	—	—	—	53.8
Total continental cigar filler, types 41-44:									
1966.....	26,200	1,701	44,557	143,992	188,549	60,738	1,495	59,243	25.4
1967.....	23,300	1,801	41,959	127,811	169,770	48,164	645	47,519	28.1
1968.....	23,050	1,766	40,699	121,606	162,305	46,291	855	45,436	30.1
1969.....	21,700	1,857	40,305	116,014	156,319	50,033	635	49,398	30.2
1970 <sup>4</sup> .....	20,700	1,788	37,065	106,286	143,291	—	—	—	31.3
Pennsylvania Seedleaf filler, type 41:									
1966.....	23,000	1,675	38,525	127,747	166,272	53,961	1,495	52,466	25.0
1967.....	21,000	1,825	38,325	112,291	150,616	41,920	645	41,275	28.0
1968.....	21,000	1,775	37,275	108,696	145,971	40,896	855	40,041	30.1
1969.....	20,000	1,875	37,500	105,075	142,575	45,309	635	44,674	30.0
1970 <sup>4</sup> .....	19,000	1,800	34,200	97,266	131,466	—	—	—	31.0

See footnotes on page 110.

Table 151.—Tobacco: Acreage, yield, production, stocks, supply, disappearance, and price, by types, United States including Puerto Rico, 1966-70 (farm-sales-weight basis)—Cont.

Type and crop year	Acreage	Yield per acre	Production	Stocks <sup>1</sup>	Supply	Disappearance			Average price per pound to growers
						Total	Exports <sup>2</sup>	Domestic	
	Acres	Pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Cents
Miami Valley (Ohio) filler, types 42-44:									
1966.....	3,200	1,885	6,032	16,245	22,277	6,757	.....	6,757	28.0
1967.....	2,300	1,580	3,634	15,520	19,154	6,244	.....	6,244	29.0
1968.....	2,050	1,670	3,424	12,910	16,334	5,395	.....	5,395	31.0
1969.....	1,700	1,650	2,805	10,959	13,744	4,724	.....	4,724	32.5
1970 <sup>4</sup> .....	1,700	1,650	2,805	9,020	11,823	.....	.....	.....	35.0
Puerto Rican filler, type 46: <sup>6</sup>									
1966.....	9,000	1,338	12,038	51,784	63,822	23,355	.....	23,355	31.3
1967.....	7,600	1,419	10,786	40,467	51,253	16,903	.....	16,903	33.1
1968.....	5,950	1,282	7,626	34,350	41,976	16,152	.....	16,152	33.3
1969.....	4,685	1,303	6,104	25,824	31,928	12,645	.....	12,645	33.6
1970 <sup>4</sup> .....	4,270	1,265	5,400	19,253	24,653	.....	.....	.....	.....
Total cigar binder, types 51-55:									
1966.....	11,120	1,804	20,061	69,908	89,969	23,549	1,899	21,650	3.67
1967.....	9,780	1,924	18,819	66,420	85,239	25,250	2,555	22,695	37.1
1968.....	9,260	1,821	16,863	59,989	76,852	27,601	753	26,848	41.0
1969.....	9,000	1,714	15,429	49,251	64,680	22,428	539	21,889	44.3
1970 <sup>4</sup> .....	10,500	1,912	20,080	42,252	62,332	.....	.....	.....	52.8
Connecticut Valley Broadleaf, type 51:									
1966.....	1,300	2,075	2,698	13,909	16,607	4,761	.....	.....	52.0
1967.....	1,100	1,785	1,964	11,846	13,910	5,348	.....	.....	55.0
1968.....	1,200	1,765	2,118	8,462	10,580	4,348	.....	.....	60.0
1969.....	1,200	1,405	1,686	6,232	7,918	3,606	.....	.....	59.0
1970 <sup>4</sup> .....	1,300	1,800	2,340	4,312	6,552	.....	.....	.....	65.0
Connecticut Valley Havana Seed, type 52:									
1966.....	520	2,200	1,144	5,412	6,556	2,013	.....	.....	49.5
1967.....	380	1,915	728	4,543	5,271	2,520	.....	.....	53.0
1968.....	360	1,950	702	2,751	3,453	752	.....	.....	58.0
1969.....	400	1,520	608	2,701	3,309	610	.....	.....	56.0
1970 <sup>4</sup> .....	400	2,000	800	2,699	3,499	.....	.....	.....	59.0
Southern Wisconsin, type 54:									
1966.....	3,900	1,895	7,390	22,423	29,813	9,112	.....	.....	34.3
1967.....	3,900	1,905	7,259	20,701	27,940	8,071	.....	.....	34.4
1968.....	3,700	1,960	7,363	19,869	27,232	7,641	.....	.....	36.8
1969.....	3,700	1,740	6,438	19,591	26,029	9,344	.....	.....	40.2
1970 <sup>4</sup> .....	4,400	1,950	8,580	16,685	25,265	.....	.....	.....	50.3
Northern Wisconsin, type 55:									
1966.....	5,400	1,635	8,829	28,164	36,993	7,663	.....	.....	32.4
1967.....	4,500	1,975	8,888	29,330	38,218	9,311	.....	.....	34.1
1968.....	4,000	1,670	6,680	28,907	35,587	14,860	.....	.....	37.9
1969.....	3,700	1,810	6,697	20,727	27,424	8,868	.....	.....	43.4
1970 <sup>4</sup> .....	4,400	1,900	8,360	18,556	26,916	.....	.....	.....	52.0
Total cigar wrapper, types 61-62:									
1966.....	14,600	1,440	21,018	24,468	45,486	20,789	4,226	16,563	257.0
1967.....	13,600	1,292	17,577	24,697	42,474	20,754	4,935	15,819	308.0
1968.....	13,450	1,343	18,068	21,520	39,588	19,923	3,868	16,055	275.7
1969.....	11,250	1,411	15,879	19,665	35,544	14,124	1,876	12,248	341.3
1970 <sup>4</sup> .....	9,550	1,426	13,619	21,420	35,039	.....	.....	.....	350.9
Connecticut Valley shade-grown, type 61:									
1966.....	8,800	1,555	13,682	16,283	29,965	13,953	3,483	10,470	295.0
1967.....	8,500	1,124	9,553	16,012	25,565	12,844	3,287	9,557	360.0
1968.....	8,400	1,215	10,210	12,721	22,931	10,789	1,729	9,060	280.0
1969.....	6,300	1,288	8,112	12,142	20,254	8,015	1,012	7,003	400.0
1970 <sup>4</sup> .....	6,000	1,329	7,974	12,239	20,213	.....	.....	.....	.....
Georgia-Florida shade-grown, type 62:									
1966.....	5,800	1,265	7,336	8,185	15,521	6,836	743	6,093	185.0
1967.....	5,100	1,573	8,024	8,685	16,709	7,910	1,648	6,262	245.0
1968.....	5,050	1,556	7,858	8,799	16,557	9,134	2,139	6,995	270.0
1969.....	4,950	1,569	7,767	7,523	15,620	6,109	864	5,245	280.0
1970 <sup>4</sup> .....	3,550	1,590	5,645	9,181	14,826	.....	.....	.....	270.0
Total tobacco, types 11-72: <sup>7</sup>									
1966.....	982,900	1,932	1,898,857	4,402,546	6,301,403	2,120,837	703,599	1,417,238	66.2
1967.....	967,370	2,045	1,978,697	4,180,566	6,159,263	2,037,721	647,793	1,389,928	66.7
1968.....	886,230	1,939	1,718,024	4,108,364	5,826,388	1,991,964	622,795	1,369,169	69.5
1969.....	924,545	1,958	1,810,269	3,848,528	5,658,797	1,980,753	640,354	1,340,399	71.8
1970 <sup>4</sup> .....	903,080	2,116	1,911,151	3,678,044	5,589,195	.....	.....	.....	72.8

See footnotes on page 110.

Table 152.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1967-71 (farm-sales-weight basis)<sup>1</sup>

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
<b>Flue-cured, types</b>					<b>Miami Valley (Ohio) filler, types</b>				
1967.....	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	42-44:	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1968.....	2,819,584	2,574,347	2,272,524	2,620,959	1967.....	15,549	18,201	17,812	15,520
1969.....	2,843,634	2,588,334	2,301,535	2,627,902	1968.....	14,177	15,322	14,476	12,910
1970.....	2,611,821	2,387,964	2,100,113	2,492,552	1969.....	11,417	13,674	11,954	10,939
1971.....	2,442,820	2,207,211	1,952,863	2,410,003	1970.....	9,600	11,670	10,407	9,020
1971.....	2,503,866				1971.....	8,704			
<b>Virginia fire-cured, type 21:</b>					<b>Puerto Rican filler, type 46: 1</b>				
1967.....	16,251	17,861	16,525	14,839	1967.....	48,252	50,313	50,640	40,467
1968.....	14,568	16,489	14,462	11,735	1968.....	37,144	36,559	38,593	34,350
1969.....	13,343	14,317	12,231	9,851	1969.....	29,548	30,159	31,051	25,824
1970.....	9,754	13,053	11,285	9,797	1970.....	23,244	24,415	23,532	19,283
1971.....	9,952				1971.....	18,674			
<b>Kentucky and Tennessee fire-cured, type 22:</b>					<b>Connecticut Valley Broadleaf, type 51:</b>				
1967.....	66,894	84,177	78,128	71,430	1967.....	13,991	14,335	13,954	11,846
1968.....	62,946	80,774	71,878	63,225	1968.....	9,019	11,293	9,506	8,462
1969.....	56,923	75,244	65,218	58,929	1969.....	7,011	7,950	6,986	6,232
1970.....	48,553	68,260	60,195	52,766	1970.....	6,080	5,340	5,000	4,312
1971.....	44,552				1971.....	4,320			
<b>Kentucky and Tennessee fire-cured, type 23:</b>					<b>Connecticut Valley Havana Seed, type 52:</b>				
1967.....	19,617	25,946	22,875	19,856	1967.....	6,018	5,472	4,829	4,543
1968.....	17,458	21,484	18,673	15,581	1968.....	4,678	4,229	2,930	2,751
1969.....	13,734	16,596	15,023	13,742	1969.....	2,746	3,058	2,848	2,701
1970.....	11,262	15,070	12,907	11,076	1970.....	3,014	2,808	2,799	2,699
1971.....	9,505				1971.....	2,958			
<b>Burley, type 31:</b>					<b>Southern Wisconsin, type 54:</b>				
1967.....	1,570,089	1,676,788	1,536,145	1,381,539	1967.....	20,376	25,500	22,976	20,701
1968.....	1,665,768	1,625,801	1,480,082	1,324,105	1968.....	18,468	23,515	21,905	19,869
1969.....	1,606,885	1,607,899	1,462,720	1,316,475	1969.....	18,709	23,489	21,833	19,591
1970.....	1,588,174	1,630,619	1,495,744	1,342,703	1970.....	17,579	22,186	19,611	16,685
1971.....	1,654,154				1971.....	16,787			
<b>Maryland, type 32:</b>					<b>Northern Wisconsin, type 55:</b>				
1967.....	89,683	82,215	103,963	95,582	1967.....	27,349	32,354	30,735	29,330
1968.....	86,276	78,560	97,135	91,981	1968.....	29,089	34,020	31,457	28,907
1969.....	81,520	69,957	83,700	75,246	1969.....	24,586	27,064	24,069	20,727
1970.....	66,665	54,441	70,006	61,961	1970.....	19,376	23,936	21,701	18,556
1971.....	50,064				1971.....	19,563			
<b>One Sucker, type 35:</b>					<b>Connecticut Valley shade-grown, type 61:</b>				
1967.....	38,301	44,263	40,401	37,352	1967.....	20,690	17,955	16,012	18,634
1968.....	38,376	41,781	39,074	36,434	1968.....	19,897	15,862	12,721	16,267
1969.....	38,411	44,946	40,682	38,648	1969.....	17,145	16,039	12,142	14,929
1970.....	39,715	42,865	38,045	34,308	1970.....	15,590	14,368	12,239	15,124
1971.....	36,166				1971.....	15,512			
<b>Green River, type 36:</b>					<b>Georgia and Florida shade-grown, type 62:</b>				
1967.....	23,249	26,298	24,329	23,147	1967.....	10,116	9,873	8,685	10,895
1968.....	23,078	24,516	23,029	21,744	1968.....	11,651	11,125	8,799	9,150
1969.....	21,815	23,672	21,796	20,418	1969.....	9,666	8,642	7,523	9,709
1970.....	20,057	21,929	20,502	19,383	1970.....	10,250	10,707	9,181	10,299
1971.....	19,324				1971.....	10,625			
<b>Virginia sun-cured, type 37:</b>					<b>Perique, type 72:</b>				
1967.....	4,614	5,004	4,657	4,157	1967.....	674	871	821	745
1968.....	4,461	4,771	4,385	3,923	1968.....	583	754	706	636
1969.....	4,341	4,535	4,209	3,791	1969.....	458	682	607	561
1970.....	3,821	4,153	3,754	3,327	1970.....	550	596	537	619
1971.....	3,593				1971.....	698			
<b>Pennsylvania Seedleaf, type 41:</b>									
1967.....	112,276	138,280	123,246	112,291					
1968.....	100,298	129,836	120,025	108,696					
1969.....	96,573	122,254	115,218	105,075					
1970.....	91,780	115,471	109,431	97,266					
1971.....	86,680								

See footnotes at end of table.



Table 152.—Tobacco: Stocks owned by dealers and manufacturers, by types, United States, 1967-71 (farm-sales-weight basis) <sup>1</sup>—Continued

Type and year	Jan. 1	Apr. 1	July 1	Oct. 1	Type and year	Jan. 1	Apr. 1	July 1	Oct. 1
Other miscellaneous domestic, type 73:					Foreign-grown cigarette and smoking tobacco, types 91-93 <sup>2</sup> :				
1967.....	1,000 pounds 4,704	1,000 pounds 6,035	1,000 pounds 4,458	1,000 pounds 4,001	1967.....	1,000 pounds 328,516	1,000 pounds 392,043	1,000 pounds 404,522	1,000 pounds 372,149
1968.....	2,999	4,059	6,817	5,424	1968.....	403,337	459,448	441,833	402,542
1969.....	5,295	5,138	5,979	5,959	1969.....	416,477	408,160	451,246	425,025
1970.....	5,452	4,901	6,279	6,167	1970.....	412,221	425,807	428,596	405,829
1971.....	5,538				1971.....	385,599			
Foreign-grown cigar-leaf, types 81-89:									
1967.....	96,224	91,065	91,710	84,871					
1968.....	77,896	83,122	97,865	90,918					
1969.....	90,948	93,868	93,228	96,075					
1970.....	94,807	102,052	104,844	99,141					
1971.....	98,868								

<sup>1</sup> Stocks shown have been converted to a farm-sales-weight basis—the equivalent of weight at the time of sale by growers—thereby making these data of leaf-tobacco stocks comparable with data of leaf-tobacco production.

<sup>2</sup> Stocks on the island of Puerto Rico are included.

<sup>3</sup> These tobaccos were previously grouped together and designated type 90.

Consumer and Marketing Service.

Table 153.—Tobacco products: Cigars, cigarettes, chewing and smoking tobacco, and snuff, manufactured in the United States, 1961-70

Year	Cigars		Cigarettes		Chewing tobacco				Smoking tobacco	Snuff	Total chewing, smoking, and snuff
	Large, weighing more than 3 pounds per 1,000 <sup>1</sup>	Small, weighing not more than 3 pounds per 1,000	Large, weighing more than 3 pounds per 1,000	Small, weighing not more than 3 pounds per 1,000 <sup>2</sup>	Plug	Twist	Fine-cut	Scrap			
	Millions	Millions	Millions	Millions	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1961.....	6,642	158	( <sup>3</sup> )	528,332	26,024	3,268	3,200	32,747	74,152	33,759	173,150
1962.....	6,683	164	( <sup>3</sup> )	535,496	25,990	2,903	3,287	32,541	70,935	33,170	168,826
1963.....	6,716	281	( <sup>3</sup> )	550,558	24,948	2,935	3,343	34,007	70,447	31,844	167,524
1964.....	8,737	974	( <sup>3</sup> )	539,908	25,852	2,813	3,523	34,013	82,437	31,443	180,081
1965.....	7,899	441	( <sup>3</sup> )	556,806	24,651	2,850	3,710	33,918	71,782	29,710	166,621
1966 <sup>4</sup> .....	7,165	445	( <sup>3</sup> )	567,264	24,285	2,739	3,916	34,256	67,347	29,501	162,044
1967.....	6,859	434	( <sup>3</sup> )	576,183	23,741	2,572	4,065	34,028	64,766	29,323	158,495
1968.....	7,184	523	1.0	579,498	22,926	2,567	4,286	35,666	66,275	27,057	159,759
1969.....	6,937	743	1.0	557,647	23,349	2,466	4,480	39,494	63,865	27,585	161,239
1970 <sup>4</sup> .....	7,092	933	1.1	583,250	21,987	2,439	4,824	39,539	69,370	26,522	164,681

<sup>1</sup> Cigars produced in bonded manufacturing warehouses are included.

<sup>2</sup> "King size" cigarettes included in this category.

<sup>3</sup> Less than 500,000.

<sup>4</sup> Excise tax on chewing and smoking tobacco and snuff discontinued after 1965. Data now reported by Consumer and Marketing Service, U.S. Department of Agriculture, and are not strictly comparable with prior year.

<sup>5</sup> Preliminary.

Consumer and Marketing Service. Compiled from reports of the Internal Revenue Service, U.S. Treasury Department. Data for 1949-60 in *Agricultural Statistics, 1967*, table 157.

Table 154.—Tobacco products: Consumption, total and per capita (18 years of age and over) in the United States, 1954-70 <sup>1</sup>

Year	Cigarettes		Cigars <sup>2</sup>		Smoking, chewing, and snuff <sup>3</sup>		All tobacco products <sup>4</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Billions	Number	Billions	Number	Million pounds	Pounds	Million pounds	Pounds
1954.....	387	3,546	6.0	55	134	1.23	1,322	12.12
1955.....	396	3,597	6.1	55	135	1.22	1,322	11.99
1956.....	406	3,650	6.0	54	125	1.12	1,298	11.65
1957.....	422	3,755	6.2	55	121	1.07	1,287	11.44
1958.....	449	3,933	6.5	57	121	1.07	1,332	11.73
1959.....	467	4,073	7.0	61	117	1.02	1,346	11.73
1960.....	484	4,171	7.1	61	115	.99	1,372	11.82
1961.....	503	4,266	7.0	60	116	.98	1,414	12.00
1962.....	508	4,265	7.1	59	113	.95	1,407	11.80
1963.....	524	4,345	7.3	60	111	.92	1,421	11.78
1964.....	511	4,194	9.1	75	120	.99	1,406	11.83
1965.....	529	4,258	8.6	70	110	.88	1,429	11.51
1966.....	541	4,287	8.3	66	108	.86	1,404	11.12
1967.....	549	4,280	8.1	63	107	.83	1,385	10.79
1968.....	546	4,186	7.9	61	108	.83	1,380	10.59
1969.....	529	3,993	8.0	60	110	.83	1,330	10.04
1970 <sup>4</sup> .....	538	4,000	8.1	60	113	.84	1,305	9.70

<sup>1</sup> Includes Alaska, Hawaii, and consumption by overseas forces.<sup>2</sup> Weighing over 3 pounds per 1,000.<sup>3</sup> Unstemmed-processing weight equivalent.<sup>4</sup> Preliminary.

Economic Research Service. No adjustments made for quantities lost, destroyed, bartered, etc., under war and postwar conditions, but such adjustments probably would be small in relation to totals. Data for 1949-53 in *Agricultural Statistics, 1967*, table 158.

Table 155.—Cigarettes and cigars: Total output, domestic consumption, tax-exempt removals, and exports, United States, 1961-70

Year	Cigarettes				Cigars <sup>1</sup>			
	Total output	Domestic consumption <sup>1</sup>	Tax-exempt removals <sup>2</sup>		Total output <sup>4</sup>	Domestic consumption <sup>1</sup>	Tax-exempt removals <sup>2</sup>	
			Total	Exports			Total	Exports
	Billions	Billions	Billions	Billions	Millions	Millions	Millions	Millions
1961.....	528.3	488.1	39.6	22.2	6,968	6,936	118	16
1962.....	535.5	494.5	41.1	24.1	7,269	6,950	126	19
1963.....	550.6	509.6	41.1	23.6	7,344	7,171	143	33
1964.....	539.9	497.4	42.6	25.1	9,566	8,959	193	44
1965.....	556.8	511.5	44.2	23.1	8,841	8,513	180	55
1966.....	567.3	522.5	46.1	23.4	8,243	8,175	193	73
1967.....	576.2	527.8	49.0	23.7	8,061	7,972	197	76
1968.....	579.5	523.0	53.8	26.5	8,257	7,827	169	66
1969.....	557.6	510.5	47.1	25.0	8,025	7,843	169	65
1970 <sup>4</sup> .....	583.2	520.0	51.2	29.1	8,374	7,978	162	59

<sup>1</sup> As indicated by taxable removals and imports.<sup>2</sup> In addition to exports, tax-exempt removals include principally shipments to forces overseas, to United States possessions, and ships' stores.<sup>3</sup> Includes cigarillos but excludes small (approximately cigarette-size) cigars.<sup>4</sup> Includes cigars shipped to mainland United States from Puerto Rico.<sup>5</sup> Preliminary.

Economic Research Service. Compiled from annual and monthly reports of the Internal Revenue Service, U.S. Treasury Department, and the Commerce Department. Data for 1944-60 in *Agricultural Statistics, 1967*, table 159.

Table 156.—Tobacco: Price-support operations, United States, 1961-71<sup>1</sup>

Year	Flue-cured, types 11-14				Burley, type 31			
	Support price per pound	Season average price per pound received by farmers	Put under support <sup>2</sup>		Support price per pound	Season average price per pound received by farmers	Put under support <sup>2</sup>	
			Quantity	Percentage of production			Quantity	Percentage of production
	Cents	Cents	Million pounds	Percent	Cents	Cents	Million pounds	Percent
1961-----	55.5	64.3	70	5.6	57.2	66.5	10	1.8
1962-----	56.1	60.1	237	16.8	57.8	58.6	64	9.4
1963-----	56.6	58.0	277	20.2	58.3	59.2	202	26.8
1964-----	57.2	58.5	286	20.7	58.9	60.3	110	17.8
1965-----	57.7	64.6	71	6.8	59.5	67.0	42	7.2
1966-----	58.8	66.9	75	6.7	60.6	66.9	63	10.6
1967-----	59.9	64.2	282	22.6	61.8	71.8	64	11.9
1968-----	61.6	66.6	128	12.9	63.5	73.7	56	10.0
1969-----	63.8	72.4	97	9.2	65.8	69.6	158	26.7
1970-----	66.6	<sup>3</sup> 71.9	144	12.2	68.6	<sup>3</sup> 72.1	53	9.4
1971-----	69.4				71.5			

<sup>1</sup> This table does not show support operations for all tobacco. Only burley and flue-cured are shown because they are substantially more important in the total tobacco picture than other types which are also supported.

<sup>2</sup> Title to the tobacco obtained under the price-support program is retained in most cases by the Producers' Cooperative Association handling price-support loans.

<sup>3</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 156.

## FOOTNOTES FOR TABLE 151

<sup>1</sup> July 1 for flue-cured types 11-14 and cigar types 61 and 62; Oct. 1 for all other types.

<sup>2</sup> Farm-sales weight of exports is subject to revision. Exports by rehandling trade included in totals of types from which they are made. Exports and domestic use not separately available for individual types 51, 52, 54, and 55.

<sup>3</sup> Domestic disappearance adjusted for 1967 tobacco still on farms at end of marketing year.

<sup>4</sup> Preliminary.

<sup>5</sup> Includes fire loss of an estimated 4.7 million pounds.

<sup>6</sup> Puerto Rican crop planted in the fall of the year shown and harvested the following spring.

<sup>7</sup> Includes Perique.

Economic Research Service. Basic export data from the official reports of the Department of Commerce. Data for 1954-65 in *Agricultural Statistics, 1967*, table 154.

Table 157.—Tobacco, unmanufactured: International trade, average 1960-64, annual 1968 and 1969

Continent and country	Average 1960-64		1968 <sup>1</sup>		1969 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>						
Canada	43,135	2,769	47,377	3,926	52,370	4,759
United States	497,190	165,081	598,800	221,471	577,486	209,716
Costa Rica	25	125	153	144	170	200
El Salvador	37	3,708	300	4,000	100	4,900
Guatemala	96	496	290	319	300	350
Honduras	3,630	103	4,740	191	4,000	200
Mexico	12,604	5,894	9,899	1,383	18,249	126
Nicaragua		500	584	567	1,304	
Cuba	39,434		30,000		25,000	
Dominican Republic	42,941	116	36,332	1,861	40,353	3,263
Jamaica	491	1,927	1,151	2,536	1,500	2,400
Trinidad and Tobago		1,785	2	1,415	( <sup>2</sup> )	1,452
<b>Total</b>	<b>639,593</b>	<b>182,404</b>	<b>729,598</b>	<b>237,813</b>	<b>720,632</b>	<b>226,466</b>
<b>South America:</b>						
Argentina	17,709	1,302	30,467	2,025	32,099	1,913
Brazil	99,979	14	85,231	2	105,545	
Chile		2,032		2,939		3,097
Colombia	23,027	10	19,147	1	27,500	2
Guyana		746		733		700
Paraguay	20,553	2	33,084	1	35,000	( <sup>3</sup> )
Peru	217		552	4,189	955	8,010
Surinam		197		281		200
Uruguay		8,708		6,691		8,283
Venezuela	153	1,327	13	88	100	50
<b>Total</b>	<b>161,638</b>	<b>14,338</b>	<b>168,494</b>	<b>16,960</b>	<b>201,199</b>	<b>17,255</b>
<b>Europe:</b>						
Belgium	3,830	64,742	4,590	66,517	2,928	72,152
France	5,950	85,696	2,553	105,318	2,173	100,823
Germany, West	2,169	253,968	10,388	306,194	11,498	339,742
Italy	28,778	45,100	15,507	13,482	20,000	35,000
Netherlands	<sup>2</sup> 5,668	91,317	<sup>3</sup> 14,136	101,830	<sup>3</sup> 15,238	106,842
<b>Total EEC</b>	<b>46,395</b>	<b>540,825</b>	<b>47,144</b>	<b>593,341</b>	<b>51,837</b>	<b>654,559</b>
Austria	1,040	21,766	478	30,806	549	30,229
Denmark	<sup>3</sup> 606	29,641	<sup>3</sup> 589	40,715	<sup>3</sup> 344	53,534
Finland	<sup>3</sup> 4	14,416	<sup>3</sup> 15	13,574	( <sup>3</sup> ) ( <sup>3</sup> )	17,743
Greece	135,648	4	154,777	207	156,511	136
Ireland		14,609		17,870		22,300
Malta		814		700		700
Norway	<sup>3</sup> 302	13,291	<sup>3</sup> 483	16,678	<sup>3</sup> 500	15,000
Portugal	<sup>3</sup> 1	13,378		18,304		13,463
Spain	34	56,019		66,557		65,000
Canary Islands	2	14,229	305	37,334	500	35,000
Sweden	60	24,295	79	22,998	365	19,436
Switzerland	124	35,339	28	47,245	30	53,252
United Kingdom	<sup>3</sup> 3,570	325,514	<sup>3</sup> 3,600	328,431	<sup>3</sup> 2,800	305,401
Yugoslavia	39,550	10,476	34,968	135	28,296	6,005
<b>Total</b>	<b>227,336</b>	<b>1,114,616</b>	<b>242,466</b>	<b>1,234,895</b>	<b>241,733</b>	<b>1,271,758</b>
<b>Africa:</b>						
Algeria	7,489	12,415	2,000	8,000	2,000	8,000
Morocco	408	8,318	( <sup>3</sup> )	9,132		12,308
Tunisia	106	5,762	441	6,897	400	7,000
United Arab Republic	75	26,690		29,820		30,000
Angola	2,389	465	7,125	284	7,000	600
Cameroon	2,318	2,021	3,527	2,227	3,500	2,000
Congo (Brazzaville)	744	2,016	500	1,000	500	1,000
Congo (Kinshasa)	24	4,988	97	5,679	100	5,000
Ghana	5	2,632		4,781		1,800
Malagasy Republic	7,901	1,698	5,450	1,127	6,120	1,237
Malawi	26,042	52	35,506	7,156	35,000	7,000
Mozambique	1,854	996	3,000	800	4,000	500
Nigeria	30	4,456	159	915	100	523
Rhodesia	178,730		57,000		50,000	
Sierra Leone		2,061		2,000		2,500
Zambia	17,623		7,808		10,000	
South Africa, Republic of	14,208	4,634	22,113	8,537	28,158	8,133
<b>Total</b>	<b>259,946</b>	<b>79,204</b>	<b>144,726</b>	<b>88,055</b>	<b>146,878</b>	<b>87,301</b>

See footnotes at end of table.

Table 157.—Tobacco, unmanufactured: International trade, average 1960-64, annual 1968 and 1969—Continued

Continent and country	Average 1960-64		1968 <sup>1</sup>		1969 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Asia:</b>						
Cyprus.....	1,031	1,280	1,634	1,477	3,431	1,400
Lebanon.....	3,744	564	7,211	1,444	10,009	1,283
Southern Yemen (Aden).....	<sup>2</sup> 5,239	8,920	<sup>3</sup> 3,000	8,000	<sup>2</sup> 2,000	9,000
Syria.....	1,458	424	2,000	800	1,500	1,000
Turkey (Europe and Asia).....	147,444		179,159		155,375	
Cambodia.....		1,049		600		700
Ceylon.....	169	2,680	1,340	305	1,000	390
China (Taiwan).....	4,467	2,705	6,475	9,162	6,499	9,799
Hong Kong.....	<sup>1</sup> 553	16,182	<sup>1</sup> 377	10,200	<sup>1</sup> 300	13,680
India.....	129,381	1,682	114,812	727	120,509	705
Indonesia.....	34,816	1,796	35,000		35,000	
Japan.....	14,588	35,374	14,875	60,082	14,160	72,939
Korea, Republic of.....	627	1	23,988	1,000	44,341	1,300
Laos.....		934		1,804		2,000
Malaysia, West.....	115	9,967	322	9,187	146	12,100
Pakistan.....	240	1,820	9,102	4,174	6,000	3,000
Philippines.....	46,305	1,879	94,015	7,441	72,732	11,389
Singapore.....	<sup>1</sup> 4,319	9,335	<sup>2</sup> 2,668	47,533	<sup>3</sup> 6,552	40,905
Thailand.....	6,785	9,214	22,351	29,989	26,673	18,366
Vietnam, South.....	62	5,686		16,508		15,000
<b>Total.....</b>	<b>401,943</b>	<b>111,492</b>	<b>518,329</b>	<b>210,733</b>	<b>506,227</b>	<b>214,796</b>
<b>Oceania:</b>						
Australia.....	234	29,276	815	28,283	1,088	34,931
New Zealand.....	65	5,649	62	7,215	16	7,522
<b>Total.....</b>	<b>299</b>	<b>34,925</b>	<b>867</b>	<b>35,498</b>	<b>1,104</b>	<b>42,453</b>
<b>World total.....</b>	<b>1,690,755</b>	<b>1,536,979</b>	<b>1,804,480</b>	<b>1,823,944</b>	<b>1,817,973</b>	<b>1,860,029</b>

<sup>1</sup> Preliminary. <sup>2</sup> Less than 500 pounds. <sup>3</sup> Re-exports.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 158.—Tobacco, unmanufactured: United States imports for consumption, by country of origin, average 1960-64, annual 1969 and 1970

Classification and country of origin	Average 1960-64	1969	1970 <sup>1</sup>	Classification and country of origin	Average 1960-64	1969	1970 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
<b>Cigarette leaf:</b>				<b>Cigar wrapper:</b>			
Italy.....	1,661	121	114	Honduras.....	10	216	285
Greece.....	31,707	29,231	28,706	Cuba.....	412	0	0
Yugoslavia.....	7,810	14,627	15,819	Indonesia.....	5	11	76
Cyprus.....	811	318	289	Other countries.....	29	562	522
Lebanon.....	1,839	3,179	3,976	<b>Total.....</b>	<b>456</b>	<b>789</b>	<b>833</b>
Syria.....	595	217	1,025	<b>Scrap:</b>			
Turkey.....	78,427	94,210	91,013	Canada.....	266	902	1,098
Other countries.....	1,019	5,909	8,610	Cuba.....	7,653	110	106
<b>Total.....</b>	<b>123,869</b>	<b>147,812</b>	<b>140,552</b>	Dominican Republic.....	3,822	5,622	6,601
<b>Cigar filler:</b>				Colombia.....	3,611	4,654	4,357
Unstemmed:				Philippines.....	11,472	22,789	22,318
Cuba.....	2,917	0	0	Other countries.....	4,736	21,163	27,696
Philippines.....	90	101	166	<b>Total.....</b>	<b>31,560</b>	<b>55,240</b>	<b>62,176</b>
Other countries.....	1,438	2,224	2,869	<b>Stems:</b>			
Stemmed:				Cuba.....	41	0	0
Cuba.....	3,317	102	48	Ireland.....	53	54	67
Philippines.....	369	0	0	United Kingdom.....	267	75	28
Other countries.....	522	2,355	2,579	Other countries.....	182	963	296
<b>Total.....</b>	<b>8,653</b>	<b>4,782</b>	<b>5,662</b>	<b>Total.....</b>	<b>543</b>	<b>1,092</b>	<b>391</b>
				<b>Grand total.....</b>	<b>165,081</b>	<b>209,715</b>	<b>218,614</b>

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 159.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, average 1960-64, annual 1969 and 1970

Type and country of destination	Average 1960-64	1969	1970 <sup>1</sup>	Type and country of destination	Average 1960-64	1969	1970 <sup>1</sup>
Total unmanufactured:	1,000 pounds	1,000 pounds	1,000 pounds	Flue-cured—Continued	1,000 pounds	1,000 pounds	1,000 pounds
Canada.....	1,405	1,797	2,239	Malaysia.....	3,724	6,715	7,063
Mexico.....	5,155	0	0	Pakistan.....	1,716	0	658
Chile.....	1,365	2,200	1,980	Philippines.....	1,276	6,697	3,403
Uruguay.....	1,708	1,058	970	Thailand.....	8,486	21,564	16,758
Belgium and Luxembourg.....	17,379	17,442	12,442	Vietnam, South.....	4,962	8,900	7,834
France.....	5,953	8,628	8,982	Australia.....	16,323	18,515	8,603
Germany, West.....	79,164	102,154	92,145	New Zealand.....	4,262	2,134	3,960
Italy.....	11,326	19,546	3,090	Other countries.....	12,273	16,640	17,786
Netherlands.....	32,198	33,564	26,562	Total.....	397,181	429,618	365,159
Austria.....	3,647	3,604	4,044	Burley:			
Denmark.....	13,272	19,112	18,110	Mexico.....	3,236	0	0
Finland.....	7,273	5,886	4,983	Belgium and Luxembourg.....	904	1,725	1,397
Ireland.....	14,851	10,501	10,195	France.....	546	973	1,129
Norway.....	7,655	7,197	8,063	Germany, West.....	9,662	13,813	11,316
Portugal.....	7,338	6,333	4,889	Italy.....	4,027	7,829	627
Spain.....	1,651	4,128	3,048	Netherlands.....	2,129	1,637	708
Canary Islands.....	1,017	473	368	Austria.....	645	541	222
Sweden.....	10,621	13,900	19,486	Denmark.....	1,379	2,550	3,553
Switzerland.....	12,971	26,352	24,672	Finland.....	1,530	1,199	976
United Kingdom.....	138,082	134,198	95,427	Norway.....	774	659	682
Germany, East.....	900	1,304	396	Portugal.....	2,816	2,293	1,765
United Arab Republic.....	11,452	2,582	624	Sweden.....	4,483	3,037	3,557
Congo (Kinshasa).....	2,609	2,452	4,383	Switzerland.....	703	5,218	3,632
Ghana.....	1,861	306	1,268	United Kingdom.....	182	72	49
Nigeria.....	2,629	395	824	United Arab Republic.....	2,419	153	0
South Africa, Republic of.....	98	0	(*)	Hong Kong.....	918	674	934
Western Africa.....	453	505	1,221	Philippines.....	511	3,289	3,129
Cambodia.....	278	92	11	Australia.....	601	284	369
Ceylon.....	474	257	270	Other countries.....	4,089	6,065	9,453
China (Taiwan).....	2,683	9,049	8,593	Total.....	41,554	52,011	43,498
Hong Kong.....	6,463	4,204	4,279	Dark-fired Kentucky:			
India.....	1,403	451	220	Tennessee:			
Indonesia.....	1,415	1,050	908	Belgium and Luxembourg.....	1,262	1,349	1,504
Japan.....	26,080	40,935	58,630	France.....	3,324	3,409	2,002
Laos.....	204	219	183	Germany, West.....	547	563	486
Pakistan.....	1,725	0	683	Italy.....	190	0	435
Philippines.....	1,800	10,137	7,325	Netherlands.....	6,954	10,451	8,791
Thailand.....	9,212	24,260	20,148	Denmark.....	441	223	239
Vietnam, South.....	5,930	10,809	10,778	Ireland.....	259	188	101
Australia.....	17,222	20,169	10,209	Norway.....	222	241	93
New Zealand.....	4,454	2,461	5,035	Portugal.....	108	0	0
Other countries.....	18,313	27,776	32,628	Canary Islands.....	190	16	69
Total.....	497,189	577,486	510,320	Sweden.....	875	652	0
Flue-cured:				Switzerland.....	1,660	1,327	852
Canada.....	391	482	1,164	United Kingdom.....	139	22	38
Mexico.....	1,826	0	0	United Arab Republic.....	176	0	0
Uruguay.....	1,474	924	849	Congo (Kinshasa).....	955	502	1,977
Belgium and Luxembourg.....	13,453	12,685	8,037	Ghana.....	14	225	431
France.....	1,546	2,642	3,088	Cambodia.....	51	0	0
Germany, West.....	65,300	79,759	71,013	Indonesia.....	103	1	0
Italy.....	7,063	11,642	1,945	Japan.....	10	3	7
Netherlands.....	21,238	18,917	15,158	Vietnam, South.....	432	107	660
Austria.....	2,740	2,952	3,736	Other countries.....	1,312	1,864	2,019
Denmark.....	10,402	13,502	10,805	Total.....	19,224	21,143	19,704
Finland.....	5,559	3,434	3,349	Black Fat:			
Ireland.....	14,402	8,538	8,843	Ghana.....	1,061	0	0
Norway.....	4,799	4,351	4,685	Nigeria.....	1,917	89	297
Portugal.....	3,249	2,381	2,634	Western Africa.....	409	439	949
Spain.....	996	3,305	2,966	Other countries.....	673	598	1,416
Sweden.....	9,134	6,778	8,844	Total.....	4,060	1,126	2,662
Switzerland.....	3,546	12,987	10,094	Dark-fired Virginia and sun-cured:			
United Kingdom.....	129,775	111,388	83,470	Belgium and Luxembourg.....	16	24	0
United Arab Republic.....	8,855	2,429	624	Germany, West.....	517	562	870
Nigeria.....	711	266	444	Netherlands.....	123	123	55
Cambodia.....	227	92	11				
Ceylon.....	474	257	270				
China (Taiwan).....	2,653	8,770	8,593				
Hong Kong.....	5,504	3,230	2,987				
India.....	1,382	446	176				
Indonesia.....	1,291	1,049	908				
Japan.....	25,970	34,708	44,207				
Laos.....	199	219	164				

See footnotes at end of table.



Table 159.—Tobacco, unmanufactured: United States exports (domestic), by country of destination, total and by types, average 1960-64, annual 1969 and 1970—Continued

Type and country of destination	Average 1960-64	1969	1970 <sup>1</sup>	Type and country of destination	Average 1960-64	1969	1970 <sup>1</sup>
<b>Dark-fired Virginia and sun-cured—Continued</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>Cigar binder—Continued</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>
Austria.....	126	103	70	Dominican Republic.....	45	21	0
Norway.....	1,744	1,843	2,244	Venezuela.....	27	32	9
Sweden.....	483	400	438	Belgium and Luxembourg.....	109	0	8
Switzerland.....	243	209	207	Germany, West.....	467	171	135
United Kingdom.....	1,085	517	489	Netherlands.....	18	82	76
Australia.....	93	15	0	Denmark.....	51	17	0
New Zealand.....	44	0	0	Spain.....	370	380	0
Other countries.....	368	587	991	Canary Islands.....	228	99	49
<b>Total.....</b>	<b>4,842</b>	<b>4,383</b>	<b>5,370</b>	Sweden.....	5	0	0
<b>Maryland:</b>				Switzerland.....	16	18	27
Belgium and Luxembourg.....	1,004	1,435	1,036	Germany, East.....	155	40	0
France.....	349	0	0	Other countries.....	124	6	26
Germany, West.....	375	2,172	2,234	<b>Total.....</b>	<b>1,623</b>	<b>868</b>	<b>335</b>
Netherlands.....	922	73	418	<b>Cigar filler:</b>			
Portugal.....	1,138	1,250	421	Canada.....	110	327	76
Spain.....	155	221	51	France.....	107	252	247
Switzerland.....	6,595	4,918	7,330	Sweden.....	0	(2)	0
Tunisia.....	219	0	0	United Kingdom.....	0	0	0
Vietnam, South.....	135	0	0	Vietnam, South.....	127	0	0
Other countries.....	272	346	303	New Zealand.....	0	24	20
<b>Total.....</b>	<b>11,364</b>	<b>10,415</b>	<b>11,793</b>	Other countries.....	21	9	60
<b>One sucker:</b>				<b>Total.....</b>	<b>385</b>	<b>612</b>	<b>403</b>
Belgium and Luxembourg.....	347	106	175	<b>Perique:</b>			
France.....	10	0	0	Canada.....	7	16	0
Congo (Kinshasa).....	78	115	170	Germany, West.....	16	31	46
Other countries.....	117	214	160	Denmark.....	7	4	6
<b>Total.....</b>	<b>552</b>	<b>435</b>	<b>505</b>	Norway.....	29	0	41
<b>Green River:</b>				United Kingdom.....	54	33	26
Belgium and Luxembourg.....	106	0	3	Australia.....	38	0	39
Ireland.....	9	4	0	Other countries.....	19	29	15
United Kingdom.....	282	146	95	<b>Total.....</b>	<b>170</b>	<b>113</b>	<b>173</b>
Congo (Kinshasa).....	208	127	196	<b>Trimmings, stems, and scrap:</b>			
Other countries.....	149	163	34	Canada.....	255	461	652
<b>Total.....</b>	<b>754</b>	<b>440</b>	<b>328</b>	Mexico.....	26	0	0
<b>Cigar wrapper:</b>				Uruguay.....	12	0	0
Canada.....	567	451	320	Belgium and Luxembourg.....	120	39	229
Brazil.....	19	5	8	Germany, West.....	62	4,158	6,155
Venezuela.....	18	7	18	Netherlands.....	649	2,281	1,329
Belgium and Luxembourg.....	55	79	51	Austria.....	20	8	16
Germany, West.....	2,018	835	361	Denmark.....	895	2,797	3,450
Netherlands.....	162	0	20	Ireland.....	174	1,464	1,222
Denmark.....	28	7	0	Norway.....	36	21	108
Canary Islands.....	342	298	114	Spain.....	81	56	0
Sweden.....	67	0	1	Canary Islands.....	112	43	24
Switzerland.....	49	50	8	Sweden.....	1,574	3,018	6,646
United Kingdom.....	244	127	232	Switzerland.....	150	1,625	2,522
Germany, East.....	610	43	46	United Kingdom.....	6,291	21,859	11,010
Other countries.....	261	320	391	Morocco.....	180	0	0
<b>Total.....</b>	<b>4,440</b>	<b>2,222</b>	<b>1,570</b>	Jordan.....	194	158	68
<b>Cigar binder:</b>				Hong Kong.....	8	300	358
Canada.....	8	2	5	Japan.....	83	6,171	12,139
				Australia.....	5	1,146	1,133
				Other countries.....	133	8,495	11,759
				<b>Total.....</b>	<b>11,080</b>	<b>54,100</b>	<b>58,820</b>

<sup>1</sup> Preliminary.<sup>2</sup> Less than 500 pounds.<sup>3</sup> Not elsewhere classified.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

### CHAPTER III

## STATISTICS OF OILSEEDS, FATS, AND OILS

This chapter includes information on cottonseed, flaxseed, olive oil, peanuts, soybeans, tung nuts, margarine, and fats and oils. Most butter statistics are included in the chapter on dairy and poultry statistics. Lard data are mostly in the chapter on livestock.

**Table 160.—Cottonseed: Cotton acreage, cottonseed yield, production, farm disposition, season average price per ton received by farmers, and value, United States, 1954-70**

Year	Harvested acreage of cotton	Cottonseed					
		Yield of seed per harvested acre	Pro- duction	Total sales to oil mills	Other <sup>1</sup>	Price <sup>2</sup>	Farm value
	1,000 acres	Pounds	1,000 tons	1,000 tons	1,000 tons	Dollars	1,000 dollars
1954.....	19,281	593	5,709	5,229	480	60.30	344,175
1955.....	16,928	714	6,043	5,556	487	44.60	269,262
1956.....	15,615	692	5,407	4,980	427	53.40	288,864
1957.....	13,558	680	4,609	4,274	335	51.10	235,367
1958.....	11,849	810	4,798	4,382	416	43.80	210,262
1959.....	15,117	794	5,991	5,505	486	38.80	232,115
1960.....	15,309	769	5,896	5,402	494	42.90	249,977
1961.....	15,634	765	5,978	5,622	356	51.10	306,310
1962.....	15,569	789	6,139	5,803	336	47.90	293,945
1963.....	14,212	872	6,192	5,851	341	50.70	314,219
1964.....	14,055	887	6,237	5,929	308	47.10	293,838
1965.....	13,615	527	6,087	5,836	251	46.70	284,412
1966.....	9,552	829	3,960	3,743	217	66.90	261,008
1967.....	7,997	803	3,210	3,017	193	55.20	177,406
1968.....	10,160	913	4,640	4,441	199	50.50	234,492
1969.....	11,058	757	4,166	3,981	205	41.10	1,054,981
1970 <sup>3</sup> .....	11,167.8	769	4,289.8	.....	.....	55.60	1,155,347

<sup>1</sup> Includes planting seed, some sales between farms, shrinkage, losses, and other uses.

<sup>2</sup> Obtained by weighting State prices by quantity sold.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 163.

Table 161.—Cottonseed: Production and season average price per ton received by farmers and farm disposition, by States, 1968-70

State	Production			Total sales to oil mills			Other <sup>2</sup>			Price for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970	1968	1969	1970	1968	1969	1970 <sup>1</sup>
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
North Carolina.....	51	41	66	48	38	-----	3	3	-----	49.30	40.70	51.00
South Carolina.....	105	85	89	97	79	-----	8	6	-----	50.00	40.40	50.50
Georgia.....	111	117	120	105	111	-----	6	6	-----	49.90	39.20	47.50
Tennessee.....	137	176	163	131	170	-----	6	6	-----	49.80	40.10	53.00
Alabama.....	166	191	211	156	181	-----	10	10	-----	48.00	40.20	50.50
Missouri.....	84	137	95	79	131	-----	5	6	-----	48.80	38.30	47.50
Mississippi.....	645	549	676	608	510	-----	37	39	-----	51.90	43.20	55.50
Arkansas.....	435	477	450	418	459	-----	17	18	-----	50.00	42.10	56.50
Louisiana.....	229	200	219	222	193	-----	7	7	-----	50.60	41.40	53.00
Oklahoma.....	112	117	78	105	108	-----	7	9	-----	49.10	45.30	58.00
Texas.....	1,490	1,195	1,356	1,420	1,123	-----	70	72	-----	50.50	41.80	53.50
New Mexico.....	74	64	55	71	61	-----	3	3	-----	52.90	45.50	62.00
Arizona.....	307	263	203	302	258	-----	5	5	-----	52.50	39.80	60.00
California.....	685	565	501	671	551	-----	14	14	-----	50.00	37.70	67.00
Other States <sup>1</sup> .....	9	9	8	8	8	-----	1	1	-----	49.10	39.60	50.80
United States.....	4,640	4,186	4,289.8	4,441	3,981	-----	199	205	-----	50.50	41.10	55.60

<sup>1</sup> Preliminary.<sup>2</sup> Includes planting seed, exports, some sales between farms, shrinkage, losses, and other uses.<sup>3</sup> Virginia, Florida, Illinois, Kentucky, and Nevada.

Statistical Reporting Service.

Table 162.—Cottonseed: Quality of cottonseed and number of samples graded, United States, 1960-69 <sup>1</sup>

Year beginning August	Cottonseed quality analysis <sup>2</sup>						Quantity <sup>3</sup>	Quality <sup>4</sup>	Average grade <sup>5</sup>	Samples graded <sup>6</sup>
	Oil	Ammonia	Linters	Moisture	Free fatty acids	Foreign matter				
	Percent	Percent	Percent	Percent	Percent	Percent	Index	Index		Number
1960.....	18.6	3.98	9.7	11.7	1.6	1.1	100.70	95.7	96.0	83,410
1961.....	18.8	3.83	10.1	10.9	.9	1.2	101.16	98.0	99.5	92,251
1962.....	18.2	3.96	10.1	11.1	1.4	1.1	98.54	97.6	96.5	98,390
1963.....	18.7	4.05	10.3	9.3	.7	1.1	103.55	99.2	103.0	86,035
1964.....	18.4	3.98	10.4	10.6	.9	1.1	102.07	98.5	100.5	91,881
1965.....	18.0	4.00	10.3	11.1	1.2	1.2	100.49	97.9	98.5	106,828
1966.....	18.2	3.97	10.8	10.7	.9	1.3	101.84	98.8	101.0	71,072
1967.....	18.4	3.89	10.7	10.1	.9	1.3	101.97	98.5	100.5	45,838
1968.....	18.0	3.91	11.2	10.6	.7	1.2	100.91	98.9	100.0	67,254
1969.....	17.9	3.97	11.1	10.6	.9	1.3	101.03	98.3	99.5	62,522

<sup>1</sup> United States averages not fully representative of entire crop because of relatively small volume of seed graded in some areas.<sup>2</sup> These basic factors are combined to form indexes of quantity and quality which in turn are used to determine the official grade of cottonseed in accordance with the United States Official Standards for Grades.<sup>3</sup> The quantity index measures the oil and cake or meal in the cottonseed, taking into account variations in the quantity of oil, protein, and linters.<sup>4</sup> The quality index measures the deterioration in oil and meal and takes into account the excesses of moisture and foreign matter.<sup>5</sup> The average grade is the product of the quantity index times the quality index. The base grade is 100.0.<sup>6</sup> Samples graded by licensed chemists under the supervision of the U.S. Department of Agriculture.Consumer and Marketing Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 165.

Table 163.—Cottonseed: Production in specified countries and the world, 1968-70

Continent and country	Year beginning August <sup>1</sup>			Continent and country	Year beginning August <sup>1</sup>		
	1968	1969	1970 <sup>2</sup>		1968	1969	1970 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons
North America:				Africa—Continued			
United States.....	4,209	3,798	3,892	Central African Republic.....	35	35	35
El Salvador.....	87	88	95	Chad.....	88	88	100
Guatemala.....	141	102	102	Congo (Kinshasa).....	40	40	40
Honduras.....	15	6	6	Malawi.....	11	16	16
Mexico.....	1,067	762	675	Mozambique.....	86	88	88
Nicaragua.....	188	143	127	Nigeria.....	115	177	111
Other countries.....	17	18	18	Rhodesia.....	88	106	106
Total.....	5,724	4,917	4,915	South Africa, Republic of.....	44	34	44
South America:				Sudan.....	426	442	453
Argentina.....	228	283	243	Tanzania.....	103	143	161
Brazil.....	1,458	1,370	972	United Arab Republic.....	755	885	789
Colombia.....	283	260	265	Uganda.....	154	168	177
Paraguay.....	24	25	34	Other countries.....	181	179	189
Peru.....	180	165	169	Total.....	2,197	2,490	2,375
Venezuela.....	32	31	31	Asia and Oceania:			
Other countries.....	18	19	19	Afghanistan.....	46	46	46
Total.....	2,223	2,153	1,737	Australia.....	65	52	68
Europe:				Burma.....	25	29	29
Greece.....	155	236	203	China (Mainland).....	2,875	2,875	2,915
Italy.....	4	4	4	India.....	2,188	2,225	2,008
Spain.....	154	117	88	Iran.....	305	314	283
Bulgaria.....	24	34	34	Iraq.....	20	20	20
Other countries.....	15	15	15	Israel.....	53	60	50
Total.....	352	406	344	Pakistan.....	1,073	1,093	1,105
U.S.S.R. (Europe and Asia).....	3,935	3,775	4,570	Syria.....	311	303	309
Africa:				Thailand.....	63	39	19
Angola.....	31	40	40	Turkey.....	697	670	660
Cameroon.....	40	49	26	Other countries.....	41	44	44
				Total.....	7,712	7,770	7,556
				World total.....	22,143	21,511	21,497

<sup>1</sup> Years shown refer to years of harvest.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Data for countries other than the United States, the United Arab Republic, and the Sudan were calculated from lint-production estimates.

Table 164.—Cottonseed: Crushings and output of products, United States, 1960-69

Year beginning August	Quantity crushed	Cottonseed products				Year beginning August	Quantity crushed	Cottonseed products			
		Crude oil	Cake and meal	Linters <sup>1</sup>	Hulls			Crude oil	Cake and meal	Linters <sup>1</sup>	Hulls
	1,000 tons	Mil-lion pounds	1,000 tons	1,000 running bales	1,000 tons		1,000 tons	Mil-lion pounds	1,000 tons	1,000 running bales	1,000 tons
1960.....	5,352	1,808	2,505	1,582	1,217	1965.....	5,734	1,896	2,695	1,580	1,299
1961.....	5,539	1,865	2,506	1,627	1,325	1966.....	3,791	1,261	1,801	1,103	867
1962.....	5,833	1,942	2,734	1,661	1,352	1967.....	3,107	1,036	1,450	935	734
1963.....	5,887	1,981	2,790	1,597	1,340	1968.....	4,363	1,424	1,985	1,306	1,025
1964.....	5,926	1,999	2,770	1,656	1,357	1969 <sup>2</sup> .....	3,925	1,282	1,835	1,234	905

<sup>1</sup> Production of linters is the output at oil mills only; this is slightly smaller than total output, including that at delinting plants.<sup>2</sup> Preliminary.Economic Research Service. Compiled from annual reports of the U.S. Department of Commerce. Data for 1944-59 in *Agricultural Statistics*, 1967, table 167.

Table 165.—Cottonseed oil and cottonseed cake and meal: United States exports by continent and country of destination, years beginning October, 1967–69

Continent and country of destination	Cottonseed oil <sup>1</sup>			Cottonseed cake and meal		
	1967	1968	1969 <sup>2</sup>	1967	1968	1969 <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	Tons	Tons	Tons
<b>North America:</b>						
Bermuda.....	29	21	34	0	0	0
Canada.....	7,486	15,442	27,907	2,428	2,445	3,914
Panama Canal Zone.....	0	0	0	0	0	0
Costa Rica.....	4	0	0	0	0	0
Dominican Republic.....	20	10	7,615	0	0	0
Guatemala.....	14	5	0	0	0	0
Haiti.....	0	1	0	0	0	0
Jamaica.....	68	2	30	20	40	0
Mexico.....	23	6	33,820	0	335	2,074
Netherlands Antilles.....	12	7	7	0	0	0
Panama.....	398	198	200	0	0	0
Other countries.....	1,232	952	918	13	10	5
<b>Total.....</b>	<b>9,286</b>	<b>16,644</b>	<b>70,531</b>	<b>2,461</b>	<b>2,830</b>	<b>5,993</b>
<b>South America:</b>						
Brazil.....	24	3	32	44	0	0
Colombia.....	23	1	0	0	0	0
Ecuador.....	287	230	0	0	0	0
Peru.....	0	3	2	0	0	0
Surinam.....	0	0	0	0	0	0
Venezuela.....	34,889	70,414	44,319	0	0	0
Other countries.....	6	8	14	0	56	226
<b>Total.....</b>	<b>35,229</b>	<b>70,659</b>	<b>44,367</b>	<b>44</b>	<b>56</b>	<b>226</b>
<b>Europe:</b>						
Austria.....	0	0	3	0	0	0
Belgium and Luxembourg.....	11	6	5,627	0	0	12,320
Denmark.....	2	1	2	0	0	0
France.....	17	24	33	0	0	0
Germany, West.....	385	15,319	36,253	143	76	91
Poland.....	0	0	22,967	0	0	13
Ireland.....	0	0	0	0	0	0
Italy.....	6	17	35	89	0	0
Netherlands.....	478	10,201	33,884	0	0	0
Norway.....	0	0	0	0	0	0
Sweden.....	182	7,456	13,456	0	0	0
Switzerland.....	1	4	0	0	0	0
United Kingdom.....	78	54	70,145	0	0	0
Yugoslavia.....	0	0	1,357	18	21	26
Other countries.....	33	6	19	0	0	0
<b>Total.....</b>	<b>1,193</b>	<b>33,088</b>	<b>183,781</b>	<b>250</b>	<b>97</b>	<b>12,450</b>
<b>Africa:</b>						
Morocco.....	0	0	12,208	0	0	0
United Arab Republic.....	0	17,158	71,723	55	0	0
Other countries.....	8	17	25	0	0	0
<b>Total.....</b>	<b>8</b>	<b>17,175</b>	<b>83,956</b>	<b>55</b>	<b>0</b>	<b>0</b>
<b>Asia:</b>						
Hong Kong.....	293	73	20	36	18	0
India.....	0	0	2,314	0	0	90
Indochina.....	0	12	0	0	0	0
Iran.....	11	7	38,991	0	0	0
Israel.....	0	18	0	0	0	0
Japan.....	1,843	316	5,503	11	11,975	51
Korea, Republic of.....	68	127	261	0	0	0
Nansei and Nanpo Islands.....	149	144	66	0	0	0
Pakistan.....	10	0	17,810	0	0	0
Philippines.....	133	122	121	0	0	0
Saudi Arabia.....	233	49	46	20	24	0
Turkey.....	0	185	0	0	0	0
Other countries.....	334	301	3,330	23	28	17
<b>Total.....</b>	<b>3,074</b>	<b>1,354</b>	<b>68,462</b>	<b>90</b>	<b>12,045</b>	<b>158</b>
<b>Oceania.....</b>	<b>169</b>	<b>213</b>	<b>288</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Grand total.....</b>	<b>48,959</b>	<b>139,133</b>	<b>451,385</b>	<b>2,900</b>	<b>15,028</b>	<b>18,827</b>

<sup>1</sup> Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Census Bureau. <sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 166.—Cottonseed oil, meal, and linters: Average price at specified points, 1960-69

Year beginning August	Oil, per pound		Meal, per ton <sup>2</sup>	Linters <sup>4</sup>	Year beginning August	Oil, per pound		Meal, per ton <sup>2</sup>	Linters <sup>4</sup>
	Crude <sup>1</sup>	Refined <sup>3</sup>				Crude <sup>1</sup>	Refined <sup>3</sup>		
	Cents	Cents	Dollars	Cents		Cents	Cents	Dollars	Cents
1960.....	11.79	13.64	55.10	4.10	1965.....	13.00	14.58	68.80	4.20
1961.....	12.50	14.09	59.25	5.25	1966.....	13.00	14.68	77.50	6.60
1962.....	10.50	12.51	65.60	3.85	1967.....	12.80	14.14	77.40	5.60
1963.....	10.00	11.58	63.35	3.50	1968.....	11.60	12.96	65.20	4.60
1964.....	11.60	12.99	59.90	3.90	1969.....	12.20	16.33	71.10	3.70

<sup>1</sup> In tank, f.o.b. southeastern mills.<sup>2</sup> Nearby futures. Prime summer yellow, bleachable, tank-car deliveries, New York.<sup>3</sup> On basis of 41 percent protein, bulk, carlots, Memphis.<sup>4</sup> Weighted average price of linters per pound.Economic Research Service. Compiled from the Oil, Paint, and Drug Reporter; and reports of the U.S. Labor and Agriculture Departments. Data for 1944-59 in *Agricultural Statistics, 1967*, table 169.

Table 167.—Flaxseed: Acreage, yield, production, value, and foreign trade, United States, 1954-70

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Season average price per bushel received by farmers <sup>1</sup>	Farm value	Average price per bushel of No. 1 flaxseed at Minneapolis, year beginning August <sup>2</sup>	Foreign trade, including linseed oil in terms of seed, year beginning July <sup>3</sup>	
								Domes- tic ex- ports	Imports for con- sumption
	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	Dollars	1,000 bushels	1,000 bushels
1954.....		5,179	6.9	35,495					
1954.....	5,947	5,663	7.3	41,274	3.05	125,937	3.39	24,378	( <sup>4</sup> )
1955.....	5,148	4,914	8.2	40,415	2.90	117,349	3.19	17,463	1
1956.....	5,786	5,473	8.6	47,037	2.99	140,846	3.26	6,373	1
1957.....	5,481	4,793	5.2	25,113	2.94	73,744	3.30	13,481	4
1958.....	3,862	3,679	10.2	37,409	2.69	100,582	3.01	6,414	( <sup>4</sup> )
1959.....		2,648	6.9	19,597					
1959.....	3,208	2,932	7.2	21,237	3.00	63,705	3.38	11,129	( <sup>4</sup> )
1960.....	3,437	3,342	9.1	30,402	2.65	80,533	3.02	8,145	( <sup>4</sup> )
1961.....	2,975	2,514	8.8	22,178	3.26	72,405	3.57	1,584	2
1962.....	3,102	2,808	11.5	32,230	2.83	91,252	3.05	4,765	2
1963.....	3,379	3,172	9.8	31,041	2.76	85,702	3.01	4,288	1
1964.....		2,651	8.8	27,739					
1964.....	2,965	2,825	8.6	24,401	2.82	68,901	3.09	7,517	2
1965.....	2,808	2,775	12.8	35,402	2.80	99,168	3.06	9,373	2
1966.....	2,679	2,576	9.1	23,390	2.89	67,620	3.19	13,352	1
1967.....	2,961	1,975	10.1	20,036	2.95	59,669	3.20	7,576	3
1968.....	2,183	2,098	12.9	27,067	2.81	75,930	3.08	13,472	( <sup>4</sup> )
1969.....	2,673	2,616	13.4	35,122	2.65	92,902	2.87	7,818	( <sup>4</sup> )
1970 <sup>5</sup> .....	3,004	2,888	10.4	29,970	2.39	71,534			

<sup>1</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.<sup>2</sup> Prices are averages of daily prices weighted by carlot sales, compiled from Minneapolis Daily Market Record.<sup>3</sup> Compiled from reports of the U.S. Department of Commerce. Linseed oil converted to flaxseed equivalent on the basis of oil yield per bushel of flaxseed crushed.<sup>4</sup> Less than 500 bushels.<sup>5</sup> Preliminary.Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1929-53 in *Agricultural Statistics, 1967*, table 170.



Table 168.—Flaxseed: Acreage, yield, and production in specified countries and the world, average 1960-64, annual 1969 and 1970<sup>1</sup>

Continent and country	Harvested acreage			Yield per acre			Production		
	Average 1960-64	1969	1970 <sup>2</sup>	Average 1960-64	1969	1970 <sup>2</sup>	Average 1960-64	1969	1970 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Quin- tals <sup>3</sup>	Quin- tals <sup>3</sup>	Quin- tals <sup>3</sup>	1,000 metric tons <sup>3</sup>	1,000 metric tons <sup>3</sup>	1,000 metric tons <sup>3</sup>
North America:									
Canada.....	1,940	2,341	3,368	2.47	2.99	3.69	480	700	1,243
United States.....	2,932	2,616	2,888	2.43	3.41	2.64	712	892	761
Mexico.....	57	15	37	3.16	6.00	4.05	18	9	15
Total.....	4,929	4,972	6,293	2.45	3.22	3.21	1,210	1,601	2,019
South America:									
Argentina.....	2,839	1,947	2,162	2.68	3.29	3.52	761	640	760
Brazil.....	132	109	62	2.65	2.84	2.42	35	31	15
Chile.....	11	2	2	3.64	5.00	5.00	4	1	1
Uruguay.....	329	277	251	2.31	2.92	2.91	76	81	73
Total.....	3,311	2,335	2,477	2.65	3.22	3.43	876	753	849
Europe:									
Belgium.....	80	38	20	2.62	2.63	2.50	21	10	5
France.....	154	100	90	3.12	2.40	2.22	48	24	20
Italy.....	16	3	—	3.12	3.33	—	5	1	—
Netherlands.....	63	22	13	3.97	4.09	3.85	25	9	5
Spain.....	18	—	—	2.78	—	—	5	—	—
Other countries.....	6	3	3	3.33	—	—	2	4	—
Total Western Europe.....	337	178	139	3.15	2.70	2.45	106	48	34
Czechoslovakia.....	125	91	100	1.20	2.09	2.00	15	19	20
Germany, East.....	54	26	25	1.48	1.62	2.00	8	5	5
Hungary.....	17	32	35	2.35	4.06	4.29	4	13	15
Poland.....	286	247	245	2.10	2.31	2.45	60	57	60
Romania.....	84	178	160	1.79	2.13	2.19	15	38	35
Other countries.....	1	0	0	10.00	0	0	1	0	0
Total Eastern Europe.....	567	574	565	1.82	2.30	2.39	103	132	135
Total Europe.....	904	752	704	2.31	2.39	2.40	209	180	169
U.S.S.R. (Europe and Asia).....	4,690	3,897	3,941	1.01	1.16	1.33	475	451	525
Africa:									
Ethiopia.....	255	—	—	2.00	—	—	51	—	—
Morocco.....	28	15	—	1.79	2.67	—	5	4	—
Tunisia.....	16	—	—	1.25	—	—	2	—	—
United Arab Republic.....	28	40	—	3.93	4.25	—	11	17	—
Total.....	327	350	350	2.11	2.51	2.60	69	88	91
Asia:									
Iran.....	17	14	15	4.12	4.29	4.00	7	6	6
Iraq.....	27	40	40	2.22	3.00	3.00	6	12	12
Turkey (Europe and Asia).....	75	42	43	2.53	2.86	2.79	19	12	12
India.....	4,767	4,193	4,299	.89	.78	.96	424	329	415
Pakistan.....	70	53	59	2.00	2.08	2.03	14	11	12
Other countries.....	26	0	0	1.15	0	0	3	0	0
Total.....	4,982	4,342	4,456	.95	.85	1.03	473	370	457
Oceania:									
Australia.....	101	122	102	2.57	3.11	3.04	26	38	31
New Zealand.....	18	12	—	5.00	8.33	—	9	10	—
Total.....	119	134	114	2.94	3.58	3.60	35	48	41
World total.....	19,262	16,782	18,335	1.73	2.08	2.26	3,347	3,491	4,151

See footnotes on page 121.

Table 169.—Flaxseed: Acreage, production, and season average price per bushel received by farmers, by States, 1968-70

State	Acreage planted <sup>1</sup>			Acreage harvested			Production			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 bush- els	1,000 bush- els	1,000 bush- els	Dol- lars	Dol- lars	Dol- lars
Minnesota.....	372	405	425	329	388	407	4,606	5,820	4,477	2.86	2.69	2.45
Iowa.....	2	1	1	2	1	1	38	19	18	2.84	2.75	2.50
North Dakota.....	1,190	1,488	1,711	1,155	1,455	1,644	13,860	18,188	16,440	2.78	2.62	2.35
South Dakota.....	551	656	715	548	652	704	7,672	9,454	7,392	2.82	2.68	2.45
Texas.....	58	102	107	55	100	90	742	1,300	1,125	2.75	2.65	2.30
Montana.....	8	18	43	7	17	40	77	221	440	2.53	2.44	2.15
California.....	2	3	2	2	3	2	72	120	78	3.45	3.35	3.10
United States.....	2,183	2,673	3,004	2,098	2,616	2,888	27,067	35,122	29,970	2.81	2.65	2.39

<sup>1</sup> Includes acreage planted in preceding fall.<sup>2</sup> Preliminary.<sup>3</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 170.—Flaxseed: Production, seed used, and farm disposition, by States, crop of 1970 (preliminary)

State	Production	Total used for seed	Disposition on farms where grown		State	Production	Total used for seed	Disposition on farms where grown	
			Used for seed	Sold from farms				Used for seed	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
Minnesota.....	4,477	275	193	4,284	Montana.....	440	6	3	437
Iowa.....	18	1	1	17	California.....	78	1	-----	78
North Dakota.....	16,440	912	547	15,893	United States.....	29,970	1,709	1,069	28,901
South Dakota.....	7,392	486	316	7,076					
Texas.....	1,125	28	9	1,116					

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

## FOOTNOTES FOR TABLE 169

<sup>1</sup> Harvests of the Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere countries in 1970 was combined with the Southern Hemisphere harvest which began late in 1970 and ended early in 1971. Estimates do not include China where annual production probably varies from 25,000 to 50,000 tons.<sup>2</sup> Preliminary.<sup>3</sup> A quintal of flaxseed is equivalent to 3.94 bushels; a metric ton of flaxseed is equivalent to 39,368 bushels.<sup>4</sup> Seeded area.<sup>5</sup> Includes fiber flax area and seed production.<sup>6</sup> Acreage includes that harvested for seed and that portion of fiber acreage which is harvested for seed as well as fiber. Production includes seed from fiber flax.<sup>7</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.<sup>8</sup> Flaxseed from acreage grown for seed only.<sup>9</sup> Includes estimates for the above countries for which data are not available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 171.—Flaxseed: Supply and disappearance, United States, 1960-70

Year beginning July	Supply				Disappearance					
	Stocks, July 1	Production	Imports	Total	Total used for seed	Farm disposition		Exports	Crushings <sup>1</sup>	Total domestic disappearance <sup>2</sup>
						Used for seed on farms where grown <sup>3</sup>	Sold			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1960.....	2,962	30,402	0	33,364	2,082	1,278	29,124	6,963	19,953	21,105
1961.....	5,296	22,178	( <sup>4</sup> )	27,474	2,195	1,272	30,906	1,502	19,046	22,364
1962.....	3,608	32,230	( <sup>4</sup> )	35,838	2,383	1,379	30,851	4,355	21,010	23,115
1963.....	9,388	31,041	0	39,429	2,084	1,296	29,745	3,576	19,447	22,737
1964.....	13,116	24,401	0	37,518	2,023	1,232	23,169	6,524	20,775	20,067
1965.....	10,927	35,402	0	46,329	1,929	1,183	34,219	5,270	22,714	25,741
1966.....	15,318	23,390	( <sup>4</sup> )	38,708	1,480	944	22,446	7,465	19,657	21,990
1967.....	9,254	20,036	( <sup>4</sup> )	29,290	1,576	930	19,106	5,044	15,918	17,278
1968.....	6,968	27,067	( <sup>4</sup> )	34,035	1,958	1,122	25,945	9,736	14,400	14,500
1969.....	9,799	35,122	( <sup>4</sup> )	44,921	2,116	1,267	33,855	5,731	14,448	17,147
1970 <sup>5</sup> .....	22,043	29,970	( <sup>4</sup> )	52,013	1,709	1,069	28,901	.....	.....	.....

<sup>1</sup> Included in total used for seed. <sup>2</sup> From domestic and imported seed. <sup>3</sup> Total supply minus exports and stocks July 1 of following year. <sup>4</sup> Less than 500 bushels. <sup>5</sup> Preliminary.

Economic Research Service and Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1944-59 in *Agricultural Statistics, 1967*, table 174.

Table 172.—Flaxseed: Stocks on and off farms, United States, 1961-70

Year beginning October	On farms				Off farms <sup>1</sup>			
	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>	Oct. 1	Jan. 1	Apr. 1	July 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1961.....	8,589	6,859	4,379	1,328	9,317	8,884	4,978	2,280
1962.....	15,165	11,407	7,492	1,587	11,811	13,037	11,335	6,801
1963.....	12,618	10,443	7,697	1,443	23,070	19,160	16,509	11,673
1964.....	12,720	8,571	6,540	2,467	18,400	14,645	10,994	8,460
1965.....	20,487	13,953	10,809	3,448	14,879	18,812	15,828	11,870
1966.....	9,838	7,508	5,523	1,399	18,896	14,300	13,369	7,855
1967.....	8,796	6,785	4,324	1,304	14,549	11,424	9,027	5,664
1968.....	14,796	9,065	5,994	2,063	12,442	12,449	9,945	7,706
1969.....	15,367	13,010	10,433	4,504	20,918	18,693	17,491	17,943
1970 <sup>1</sup> .....	15,315	11,467	9,242	.....	28,270	28,152	25,164	.....

<sup>1</sup> Old crop only.

<sup>2</sup> Stocks at mills, elevators, and warehouses, at processing plants, and at terminals.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1947-60 in *Agricultural Statistics, 1967*, table 175.

Table 173.—Linseed oil and meal: Average price, New York and Minneapolis, 1961-70

Year beginning July	Oil, per pound		Meal, per ton		Year beginning July	Oil, per pound		Meal, per ton	
	New York <sup>1</sup>	Minneapolis <sup>1</sup>	New York <sup>2</sup>	Minneapolis <sup>2</sup>		New York <sup>1</sup>	Minneapolis <sup>1</sup>	New York <sup>2</sup>	Minneapolis <sup>2</sup>
	Cents	Cents	Dollars	Dollars		Cents	Cents	Dollars	Dollars
1961.....	16.3	15.2	80.45	62.70	1966.....	13.8	12.8	96.05	76.40
1962.....	14.1	13.0	85.60	67.50	1967.....	14.2	13.1	94.35	75.50
1963.....	14.0	13.0	79.90	61.20	1968.....	13.2	12.1	91.50	71.10
1964.....	14.7	13.7	75.10	59.10	1969.....	12.8	11.8	89.90	69.00
1965.....	14.0	12.9	86.80	70.55	1970 <sup>3</sup> .....	11.2	9.9	86.20	64.40

See footnotes on page 123.

# FLAXSEED AND FLAXSEED PRODUCTS

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Table 174.—Flaxseed: Price-support operations, United States, 1961-71

Year beginning July	Support price		Season average price per bushel received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>3</sup>	Owned by CCC June 30
	Per bushel	Percentage of parity <sup>1</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	1,000 bushels	Percent	1,000 bushels <sup>(4)</sup>	1,000 bushels
1961.....	2.80	74	3.26	914	4.1	.....	.....
1962.....	2.90	76	2.83	7,023	21.8	5,853	5,827
1963.....	2.90	75	2.76	12,923	41.6	11,219	10,616
1964.....	2.90	76	2.82	6,394	26.2	4,028	2,449
1965.....	2.90	75	2.80	11,303	31.9	9,430	12,382
1966.....	2.90	73	2.89	2,255	9.6	1,034	4,553
1967.....	2.90	73	2.95	2,707	13.5	1,207	2,115
1968.....	2.90	72	2.81	6,240	23.1	4,990	6,925
1969.....	2.75	64	2.64	13,066	37.2	12,293	19,088
1970.....	2.50	58	<sup>5</sup> 2.39	<sup>5</sup> 12,388	<sup>5</sup> 41.3	.....	.....
1971.....	2.50	57	.....	.....	.....	.....	.....

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>2</sup> Includes loans made, purchase agreements entered into, and direct purchases.

<sup>3</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>4</sup> Less than 500 bushels.

<sup>5</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 176.

Table 175.—Flaxseed and products: Flaxseed crushed; production, imports, and exports of linseed oil, cake, and meal; and July 1 stocks of oil, United States, 1960-70

Year beginning July	Flaxseed crushed					Linseed oil				Linseed cake and meal		
	July-Sept.	Oct.-Dec.	Jan.-Mar.	Apr.-June	Total	Stocks, July 1	Production	Imports for consumption	Exports	Production	Imports for consumption	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Million pounds	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1960.....	4,082	5,467	4,761	5,643	19,953	90	399	0	24	378	2	39
1961.....	5,225	5,282	4,768	3,771	19,046	94	391	0	2	358	2	16
1962.....	4,314	6,029	5,217	5,450	21,010	105	428	0	9	388	1	54
1963.....	3,476	5,389	5,068	5,514	19,447	131	394	0	14	360	1	33
1964.....	5,614	5,836	5,257	4,068	20,775	144	418	(1)	20	381	1	80
1965.....	5,086	5,861	5,792	6,025	22,714	198	463	(1)	84	398	1	115
1966.....	4,807	5,539	4,593	4,718	19,657	241	405	(1)	121	363	6	111
1967.....	3,650	4,811	4,046	3,411	15,918	196	331	.....	53	293	(1)	92
1968.....	3,119	4,432	3,714	3,135	14,400	201	300	.....	77	262	1	86
1969 <sup>1</sup> .....	3,364	3,882	3,375	3,827	14,448	131	292	.....	43	258	2	75
1970 <sup>2</sup> .....	4,124	4,256	.....	.....	.....	129	.....	.....	.....	.....	.....	.....

<sup>1</sup> Less than 500,000 pounds.

<sup>2</sup> Preliminary.

Economic Research Service. Data from the U.S. Department of Commerce. Data for 1944-59 in *Agricultural Statistics, 1967*, table 178.

## FOOTNOTES FOR TABLE 173

<sup>1</sup> Raw oil in tank cars.

<sup>2</sup> Bulk, carlots, 34 percent protein.

<sup>3</sup> Bulk, carlots, 32 to 37 percent protein.

<sup>4</sup> Preliminary.

Economic Research Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 177.

Table 176.—Flaxseed, linseed oil, and linseed cake and meal: United States exports by country of destination, years beginning July 1, 1967–69

Continent and country of destination	Flaxseed			Linseed oil <sup>1</sup>			Linseed cake and meal		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
North America:	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	Tons	Tons	Tons
Canada.....	683	1,085	2,495	469	804	591	63	50	0
Mexico.....	0	6	51	229	5,941	633	0	0	145
Panama.....	0	0	0	8	3	0	0	0	496
Trinidad.....	0	0	0	0	0	0	0	0	0
Other countries.....	0	0	0	32	30	20	5	6	5
Total.....	683	1,091	2,546	738	6,778	1,244	68	56	646
South America:									
Colombia.....	0	0	0	4	0	12	0	0	0
Ecuador.....	0	0	0	0	0	0	0	0	0
Peru.....	0	0	0	15	26	13	9	0	0
Venezuela.....	0	0	0	248	318	336	0	8	0
Other countries.....	0	0	0	22	15	24	0	0	0
Total.....	0	0	0	289	359	385	9	8	0
Europe:									
Belgium and Luxembourg.....	516	809	219	2	2	2	0	0	0
Denmark.....	0	41	0	0	0	0	0	0	0
France.....	26	109	115	6	13	0	4,935	2,628	4,034
Germany, West.....	1,267	4,313	1,654	97	212	395	30,550	4,007	27,537
Italy.....	0	0	0	146	941	183	0	0	0
Netherlands.....	2,350	2,430	1,004	42,569	56,677	9,939	20,638	76,372	33,529
Poland.....	0	0	0	0	0	7,993	7,456	0	2,326
Spain.....	0	505	0	0	0	0	0	0	0
Sweden.....	0	0	0	25	15	17	0	0	0
Switzerland.....	212	85	67	0	0	0	1,907	860	2,193
United Kingdom.....	0	0	0	7,822	8,640	19,279	26,598	0	5,020
Other countries.....	0	353	126	0	0	28	0	1,513	0
Total.....	4,361	8,645	3,185	50,667	66,500	37,836	92,084	85,380	74,639
Africa.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	32	2,322	3,327	0	0	0
Asia:									
Japan.....	0	0	0	35	28	15	9	54	0
Korea, Republic of.....	0	0	0	0	0	53	0	0	0
Philippines.....	0	0	0	114	106	75	0	0	0
Other countries.....	0	0	0	36	208	66	0	0	0
Total.....	0	0	0	185	342	209	9	54	0
Oceania:									
Australia.....	0	0	0	255	663	4	0	0	0
Other countries.....	0	0	0	5	2	1	0	0	0
Total.....	0	0	0	260	665	5	0	0	0
Grand total.....	5,044	9,736	5,731	52,171	76,966	43,006	92,170	85,498	75,285

<sup>1</sup> Preliminary.<sup>2</sup> Crude and refined combined as such.<sup>3</sup> Less than 500 bushels.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 177.—Peanuts: Acreage, yield, production, season average price per pound received by farmers, value, and foreign trade, United States, 1954-70

Crop of—	Acreage grown alone for all purposes	Acreage not harvested for nuts <sup>1</sup>	Peanuts harvested for nuts <sup>2</sup>					Foreign trade, year beginning July <sup>4</sup>	
			Acreage harvested	Yield per acre	Production	Price <sup>3</sup>	Farm value	Exports	Imports for consumption
	1,000 acres	1,000 acres	1,000 acres	Pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds	1,000 pounds
1954.....	1,824	494	1,387	727	1,008,495	12.2	122,792	11,846	126,618
1955.....	1,882	244	1,669	928	1,548,326	11.7	181,965	2,251	65,730
1956.....	1,834	478	1,384	1,161	1,607,462	11.2	179,922	100,978	5,900
1957.....	1,746	296	1,481	969	1,435,549	10.4	148,855	62,700	2,660
1958.....	1,702	210	1,516	1,197	1,814,242	10.6	192,979	61,374	2,247
1959.....	1,576	163	1,435	1,061	1,523,218	9.56	145,842	84,830	613
1960.....	1,526	151	1,395	1,232	1,718,011	10.0	171,991	84,602	66
1961.....	1,524	140	1,398	1,185	1,657,099	10.9	181,543	40,593	2,567
1962.....	1,507	120	1,400	1,228	1,719,320	11.0	189,314	42,142	2,496
1963.....	1,498	115	1,396	1,391	1,942,088	11.2	217,788	101,434	2,132
1964.....	1,487	90	1,397	1,502	2,099,144	11.2	235,066	190,672	2,361
1965.....	1,517	82	1,435	1,661	2,383,971	11.4	272,248	281,487	1,344
1966.....	1,488	70	1,418	1,700	2,410,391	11.3	217,702	245,580	2,428
1967.....	1,472	71	1,402	1,765	2,473,385	11.4	282,661	225,041	2,563
1968.....	1,493	57	1,436	1,771	2,542,841	11.9	302,258	124,231	2,114
1969.....	1,507	56	1,451	1,743	2,528,744	12.3	311,337	156,206	653
1970 <sup>5</sup> .....	1,518	51	1,467	2,031	2,979,465	12.8	382,503	.....	.....

<sup>1</sup> Mostly hogged.<sup>2</sup> For data on peanut-vine hay, see table 394.<sup>3</sup> Obtained by weighting State prices by quantity sold.<sup>4</sup> Compiled from reports of the U.S. Department of Commerce. Trade data are on the basis of "in the shell," converted at ratio of 1 to 1.55.<sup>5</sup> Preliminary.Statistical Reporting Service and Economic Research Service. Data for 1929-53 in *Agricultural Statistics*, 1967, table 180.

Table 178.—Peanuts, farmers' stock: Price-support operations, United States, 1961-71

Year beginning August	Support price		Season average price per pound received by farmers	Put under support <sup>1</sup>		Owned by CCC July 31 <sup>2</sup>
	Per pound	Percentage of parity <sup>1</sup>		Quantity	Percentage of production	
	Cents	Percent	Cents	Million pounds	Percent	Million pounds
1961.....	11.05	86	10.9	245	14.8	70
1962.....	11.07	82	11.0	360	20.9	105
1963.....	11.2	80	11.2	451	23.2	106
1964.....	11.2	79	11.2	645	30.7	64
1965.....	11.2	77	11.4	733	30.7	88
1966.....	11.35	77	11.3	814	33.8	114
1967.....	11.35	75	11.4	685	27.7	( <sup>3</sup> )
1968.....	12.012	78	11.9	699	36.4	2
1969.....	12.375	76	12.3	622	24.6	4
1970.....	12.75	75	<sup>4</sup> 12.9	<sup>5</sup> 1,070	<sup>5</sup> 35.9	.....
1971.....	<sup>5</sup> 13.35	<sup>5</sup> 76	.....	.....	.....	.....

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year.<sup>2</sup> Includes loans made and direct purchases.<sup>3</sup> Includes shelled peanuts converted to farmers' stock basis.<sup>4</sup> Less than 50,000 pounds.<sup>5</sup> Preliminary.Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics*, 1967, table 189.



Table 179.—Peanuts: Acreage, yield, production, and season average price per pound received by farmers, by States, 1968-70

State and area	Acreage grown alone for all purposes			Peanuts harvested for nuts <sup>1</sup>					
				Acreage harvested			Yield per acre		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds
Virginia.....	103	103	103	102	102	102	2,320	2,325	3,060
North Carolina.....	170	170	170	167	167	167	2,075	2,055	2,670
Total (Va.-N.C. area).....	273	273	273	269	269	269	2,168	2,157	2,818
South Carolina.....	13	13.5	14	12.8	13	13.8	1,625	1,550	1,880
Georgia.....	513	518	518	497	502	507	1,880	1,885	2,220
Florida.....	77	77	74	51	53	53	1,680	1,605	2,075
Alabama.....	186	192	195	181	187	190	1,360	1,525	1,660
Mississippi.....	2	2	4	2	2	4	600	600	1,100
Total (S.E. area).....	791	802.5	805	743.8	757	767.8	1,732	1,767	2,059
Oklahoma.....	123	123	122	121	120	116	1,880	1,700	1,655
Texas.....	298	301	310	294	297	306	1,450	1,310	1,405
New Mexico.....	8.1	7.8	8.3	7.9	7.7	8.2	2,240	2,270	2,230
Total (S.W. area).....	429.1	431.8	440.3	422.9	424.7	430.2	1,588	1,438	1,488
United States.....	1,493.1	1,507.3	1,518.3	1,435.7	1,450.7	1,467.0	1,771	1,743	2,031

State and area	Peanuts harvested for nuts—Continued					
	Production <sup>1</sup>			Price for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents
Virginia.....	236,640	237,150	312,120	12.1	13.1	13.6
North Carolina.....	346,525	343,185	448,890	12.4	13.1	13.2
Total (Va.-N.C. area).....	583,165	580,335	758,010	12.3	13.1	13.4
South Carolina.....	20,800	20,150	25,944	12.5	12.5	12.7
Georgia.....	934,360	946,270	1,125,540	11.8	12.2	12.8
Florida.....	85,680	85,065	109,075	11.4	12.0	13.0
Alabama.....	246,160	285,175	315,400	11.7	11.7	12.8
Mississippi.....	1,200	1,200	4,400	22.0	22.0	15.0
Total (S.E. area).....	1,288,200	1,337,860	1,581,259	11.8	12.1	12.8
Oklahoma.....	227,480	204,000	191,960	11.7	12.2	12.2
Texas.....	426,300	389,070	429,930	11.7	11.9	12.2
New Mexico.....	17,096	17,470	18,286	14.0	13.3	14.4
Total (S.W. area).....	671,476	610,549	640,196	11.8	12.0	12.3
United States.....	2,542,841	2,528,744	2,979,465	11.9	12.3	12.8

<sup>1</sup> Preliminary.<sup>2</sup> For data on peanut-vine hay, see table 394.<sup>3</sup> Net weight basis.

Statistical Reporting Service.

Table 180.—Peanuts: <sup>1</sup> Acreage and production in specified countries and the world, 1968-70

Continent and country	Harvested acreage <sup>2</sup>			Production		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
North America:						
United States.....	1,436	1,448	1,467	1,153	1,145	1,351
Mexico.....	96	99	100	47	56	71
Cuba.....	37			15		
Dominican Republic.....	126	177		47	73	
Other countries.....	26	28	26	6	8	10
Total <sup>5</sup> .....	1,721	1,757	1,808	1,268	1,297	1,522
South America:						
Argentina.....	710	602	520	283	217	234
Brazil <sup>6</sup> .....	1,498	1,516	1,557	754	754	810
Paraguay.....	56	54		18	15	
Uruguay.....	6	8	8	1	3	2
Other countries.....	55	55	58	22	24	24
Total <sup>5</sup> .....	2,325	2,235	2,198	1,078	1,013	1,085
Europe:						
Total (including U.S.S.R.).....	32	33	32	17	21	23
Africa:						
Sudan.....	747	1,081	935	164	382	353
United Arab Republic.....	44			36		
Angola.....	116			32		
Cameroon.....	415			125		
Chad.....	358			110		
Congo (Brazzaville).....	49			17		
Central African Republic.....	222			75		85
Ghana.....				62		
Congo (Kinshasa).....	494			115		
Dahomey.....	124			20		
Gambia.....	346			7 126	7 114	7 125
Guinea.....	72			19	18	
Ivory Coast.....	101	84		32		
Malagasy Republic.....	116			35	49	
Mali.....	222			100		
Mozambique <sup>7</sup> .....	60			109	119	
Niger.....	1,067			252		
Nigeria.....	3,000	2,900	3,000	1,445	1,365	825
Portuguese Guinea.....	222			65		
Malawi.....	469			130	212	141
Rhodesia.....	208			35	122	
Zambia.....	96			37	75	
Upper Volta.....	511			133		
Senegal.....	2,953	2,372	2,345	830	800	600
Tanzania <sup>7</sup> .....	74			11	10	5
Togo <sup>7</sup> .....	111			18		
Uganda.....	620			200		
South Africa, Republic of <sup>8</sup> .....	840	848	978	224	343	303
Other countries.....	246	252	253	87	91	88
Total <sup>5</sup> .....	14,013	14,032	14,101	4,644	5,270	4,430
Asia:						
Israel.....	7	6	8	10	11	13
Turkey (Europe and Asia).....	32	37	40	32	38	40
China: Mainland.....	4,900	4,900	4,900	2,150	2,300	2,400
Taiwan.....	236	226	230	106	101	150
Burma <sup>9</sup> .....	1,510	1,510	1,521	398	444	421
India.....	17,415	17,836	18,532	4,631	5,143	6,000
Indonesia.....	975	902	1,046	410	368	444
Japan <sup>4</sup> .....	146	147	149	122	125	124
Pakistan <sup>9</sup> .....	169	210	186	106	131	115
Philippines.....	73	69	74	15	14	16
Thailand.....	250	277		158	200	220
Other countries.....	240	250	252	110	119	125
Total <sup>5</sup> .....	26,053	26,372	27,238	8,248	8,994	10,068
Oceania: Australia.....	62	63	90	31	17	46
World total <sup>5</sup> .....	44,206	44,522	45,467	15,286	16,612	17,174

See footnotes on page 128.

Table 181.—Peanuts: Production, seed used, and farm disposition, United States, 1961-70<sup>1</sup>

Crop of—	Production harvested for nuts	Total used for seed <sup>2</sup>	Disposition on farms where grown			
			For seed <sup>3</sup>	Fed and lost	Household use	Sold
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1961	1,657,099	114,095	32,767	2,309	6,398	1,615,625
1962	1,719,320	119,976	33,871	2,201	5,837	1,677,411
1963	1,942,088	128,588	33,580	2,326	5,123	1,801,059
1964	2,099,144	130,791	33,023	2,520	4,443	2,059,158
1965	2,383,971	137,044	31,900	2,825	4,044	2,345,202
1966	2,410,391	139,777	27,339	2,675	3,463	2,378,914
1967	2,473,385	145,645	26,600	2,740	3,074	2,440,971
1968	2,542,841	153,685	22,405	2,275	2,773	2,515,388
1969	2,528,744	162,765	22,223	1,870	2,712	2,501,939
1970 <sup>4</sup>	2,979,465	181,294	20,484	1,956	2,917	2,954,108

<sup>1</sup> Net weight basis.<sup>2</sup> Seed used for planting the crop of the following year. The difference between total seed and seed used on farms where grown represents peanuts purchased for seed and is duplicated under "Sold."<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 183.

Table 182.—Peanuts: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1960-70

Year beginning August	Peanuts crushed (shelled oil stock)	Peanut oil				Peanut cake and meal	
		Stocks Aug. 1 <sup>1</sup>	Production of crude	Imports	Exports <sup>2</sup>	Stocks Aug. 1 <sup>1</sup>	Production
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1960	288,009	14,100	104,439	1	11,965	9,644	153,469
1961	182,308	24,200	70,113	4,883	160	6,630	111,296
1962	214,568	18,500	86,262	728	3,389	9,356	131,067
1963	268,376	33,800	111,287	0	32,565	5,341	154,945
1964	340,672	20,500	141,327	1	86,798	11,329	192,698
1965	373,547	19,800	155,591	2	23,273	5,195	206,610
1966	418,292	51,900	172,840	4	3,536	6,360	232,796
1967	483,992	47,800	190,205	(*)	5,752	19,122	266,341
1968	491,447	34,500	205,222	(*)	25,747	9,148	275,210
1969	437,127	33,700	181,961	(*)	35,663	8,870	243,848
1970		25,300				7,738	

<sup>1</sup> Crude plus refined.<sup>2</sup> Reported as edible peanut oil and crude peanut oil; in this tabulation added without converting.<sup>3</sup> Holding at producing mills only.<sup>4</sup> Less than 500 pounds.Statistical Reporting Service and Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 184.

## FOOTNOTES FOR TABLE 180

<sup>1</sup> Peanuts in the shell. Southern Hemisphere peanut crop, which is harvested from April to June, is combined with that of the Northern Hemisphere harvested from September through December of the same year.<sup>2</sup> Harvested areas as far as possible.<sup>3</sup> Preliminary.<sup>4</sup> A metric ton is 2,204.6 pounds.<sup>5</sup> Includes estimates for the above countries for which data are not available.<sup>6</sup> Planted area.<sup>7</sup> Commercial crop.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 183.—Peanuts, farmers' stock: Stocks, production, and quantity milled, United States, 1961-70

Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>2</sup>	Total supply	Milled <sup>3</sup>	Year beginning August	Stocks Aug. 1 <sup>1</sup>	Production harvested for nuts <sup>2</sup>	Total supply	Milled <sup>3</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1961.....	11,040	1,657,099	1,668,139	1,531,270	1966.....	11,515	2,410,391	2,421,906	2,157,124
1962.....	8,161	1,719,320	1,727,481	1,595,394	1967.....	6,514	2,473,385	2,479,899	2,258,972
1963.....	13,994	1,942,088	1,956,082	1,782,550	1968.....	7,359	2,542,841	2,550,200	2,275,008
1964.....	10,652	2,099,144	2,109,796	1,971,510	1969.....	9,056	2,528,744	2,537,800	2,267,926
1965.....	7,444	2,383,971	2,391,415	2,239,764	1970 <sup>4</sup> .....	2,809	2,979,465	2,982,274	.....

<sup>1</sup> Beginning Aug. 1, 1966, net weight basis.<sup>2</sup> Net weight basis.<sup>3</sup> Excludes peanuts milled for seed.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 185.

Table 184.—Shelled peanuts (all grades): Supply and disposition, United States, 1960-70

Year beginning August	Supply						Disposition			
	Stocks, Aug. 1		Production		Imports	Total	Exports <sup>1</sup>	Crushed	Edible use	
	Edible	Oil stock	Edible	Oil stock					Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1960.....	255,505	8,827	885,500	179,951	73	1,329,856	57,172	258,009	794,596	4.4
1961.....	216,924	3,155	899,037	137,405	1,415	1,247,936	24,161	182,308	808,705	4.4
1962.....	231,082	1,680	894,119	181,672	570	1,309,123	28,978	214,568	826,617	4.4
1963.....	236,871	2,089	951,296	243,028	214	1,433,498	67,594	268,376	849,228	4.4
1964.....	245,571	2,729	1,098,481	259,299	501	1,606,581	122,476	340,672	913,507	4.7
1965.....	225,965	3,961	1,229,627	317,001	383	1,776,937	175,221	373,547	969,893	5.0
1966.....	249,316	5,960	1,176,829	361,026	577	1,796,708	166,316	418,292	947,326	4.8
1967.....	245,678	19,096	1,272,713	347,543	557	1,885,587	148,295	483,992	1,004,966	5.0
1968.....	219,717	28,617	1,252,042	352,057	769	1,853,202	79,623	491,447	1,031,940	5.1
1969.....	226,758	23,434	1,284,838	315,672	335	1,851,037	100,051	437,127	1,062,857	5.2
1970.....	238,325	12,677	.....	.....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Includes shipments to Puerto Rico; 1960-64 data include shipments to Virgin Islands.Statistical Reporting Service and Economic Research Service. Foreign trade from the U.S. Department of Commerce. Data for 1944-59 in *Agricultural Statistics, 1967*, table 186.

Table 185.—Cleaned peanuts (roasting stock): Supply and disposition, United States, 1960-70

Year beginning August	Supply				Disposition		
	Stocks Aug. 1	Production	Imports	Total	Exports <sup>1</sup>	Domestic disappearance	
						Total	Per capita
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds
1960.....	20,142	80,094	9	100,245	399	80,229	0.44
1961.....	19,617	84,624	531	104,772	369	82,349	.44
1962.....	22,054	77,600	1,455	101,109	1,860	84,267	.45
1963.....	14,982	86,731	1,801	103,514	1,981	84,164	.44
1964.....	17,369	83,050	1,485	101,904	9,143	78,243	.40
1965.....	14,518	93,837	751	109,106	4,553	90,846	.46
1966.....	13,707	92,173	1,512	107,392	964	92,850	.47
1967.....	13,578	93,328	1,708	108,614	363	92,879	.46
1968.....	15,372	103,380	871	119,623	992	103,766	.51
1969.....	14,865	107,026	201	122,092	1,530	104,503	.51
1970.....	16,059						

<sup>1</sup> Includes shipments to Puerto Rico; data through 1964 include shipments to Virgin Islands.

Statistical Reporting Service and Economic Research Service. Foreign trade from the U.S. Department of Commerce. Data for 1944-59 in *Agricultural Statistics, 1967*, table 187.

Table 186.—Peanuts: Average f.o.b. price per pound of cleaned and shelled peanuts by approximate crop years, 1960-69<sup>1</sup>

Classification	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969
Virginia-North Carolina area (Virginia and North Carolina):										
Cleaned Virginias:	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Jumbo.....	19½	19	23½	21½	24	21½	23½	22½	24½	24½
Fancy.....	17½	17½	18½	19	18½	18½	21	19½	21½	20½
Shelled Virginias:										
Extra large.....	24½	23½	22½	24½	25½	23½	27½	26½	25½	26½
Medium.....	21½	21½	20½	21½	21½	20½	22½	24½	24½	23½
No. 1.....	18½	19½	19½	19½	19½	19½	19½	21	22½	21½
No. 2.....	15½	16½	16½	16½	18½	18½	18½	18½	19½	19½
Southeastern area (Georgia, Alabama, and Florida):										
Shelled:										
Spanish No. 1.....	17½	18½	18½	20	20½	19½	19½	20½	21½	21½
Spanish No. 2.....	15½	17½	16½							
U.S. Splits <sup>2</sup> .....				17½	18½	18½	18½	18½	19½	20½
Runner, No. 1.....	17½	18½	18½	19½	20½	19½	19½	20½	21½	22
Runner, No. 2.....	15½	17	16½							
U.S. Splits <sup>2</sup> .....				17½	18½	18½	18½	18½	19½	20½
Southwestern area (Texas and Oklahoma):										
Shelled:										
Spanish No. 1.....	17½	18½	18½	19½	20½	19½	19½	19½	21½	22
Spanish U.S. Splits <sup>2</sup> .....		17½	16½	17½	18½	18½	18½	18½	19½	20½
New Mexico handpicked Valencias <sup>3</sup> .....	17	17½	16½	17½	17½	17½	18	18½	19½	20

<sup>1</sup> Crop year begins about Oct. 1 in the Virginia-North Carolina area; in August in the Southeastern and the Southwestern States. Prices are for prompt shipment.

<sup>2</sup> U.S. Splits replace U.S. No. 2 due to change in marketing practices. No information available for prior years.

<sup>3</sup> No U.S. grade standards apply to Valencia peanuts.

Consumer and Marketing Service.

Table 187.—Peanuts, farmers' stock: Average price per pound to growers, 1961-70<sup>1</sup>

Crop year <sup>2</sup>	Virginia type (Va.-N.C.)	South-eastern Runner	South-eastern Spanish	South-western Spanish	New Mexico Valencias	Crop year <sup>2</sup>	Virginia type (Va.-N.C.)	South-eastern Runner	South-eastern Spanish	South-western Spanish	New Mexico Valencias
	Cents	Cents	Cents	Cents	Cents		Cents	Cents	Cents	Cents	Cents
1961.....	12.1	10.7	11.5	11.7	14.3	1966.....	12.2	10.6	11.6	11.3	11.4
1962.....	12.2	10.3	11.5	10.6	12.8	1967.....	11.9	11.4	11.8	10.9	12.4
1963.....	11.5	10.9	12.0	11.3	12.3	1968.....	13.0	11.5	12.5	11.8	13.0
1964.....	12.8	11.0	12.0	11.2	12.7	1969.....	13.4	12.4	12.2	12.4	13.6
1965.....	12.1	11.0	12.0	11.3	12.0	1970 <sup>3,4</sup> .....	13.8	13.0	13.4	12.5	13.9

<sup>1</sup> Prices are based on average quality factors for each crop year as described in USDA peanut price-support schedules and summaries of inspections as reported by the Federal-State Inspection Service. <sup>2</sup> Crop year begins about Oct. 1 in the Virginia-North Carolina section; in August in the Southeastern and in the South-western States. <sup>3</sup> Principal quality factors for the 1970 crop are as follows: Virginia type—71 percent sound mature kernels and 30 percent extra-large kernels; Spanish type—Southeast, 72 percent sound mature kernels and Southwest, 67 percent sound mature kernels; Runner type—70 percent sound mature kernels; Valencias—68 percent sound mature kernels. <sup>4</sup> Preliminary.

Consumer and Marketing Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 190.

Table 188.—Peanuts: Shelled (raw basis) by types, used in primary products and apparent disappearance of peanuts (cleaned in shell), United States, 1960-69

Type, and year beginning August	Shelled uses						Apparent disappearance (cleaned in shell) <sup>2</sup>
	Peanut butter <sup>1</sup>	Peanut butter sandwiches	Salted	Candy	Other	Total	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Virginia:</b>							
1960.....	57,702	5,010	133,105	48,037	3,948	247,802	.....
1961.....	41,640	5,395	133,905	44,069	3,651	228,660	.....
1962.....	50,343	6,191	139,038	40,794	3,640	240,006	.....
1963.....	51,987	6,951	141,860	40,265	4,312	245,373	.....
1964.....	55,221	6,253	141,283	44,870	4,200	251,827	.....
1965.....	69,871	7,565	150,476	51,389	5,506	284,807	.....
1966.....	68,663	7,970	163,676	54,861	5,371	300,541	.....
1967.....	48,585	7,925	168,632	58,815	5,533	289,510	.....
1968.....	38,415	8,548	173,447	57,444	4,940	282,794	.....
1969.....	47,355	6,983	177,319	58,679	7,834	298,170	.....
<b>Runner:</b>							
1960.....	219,727	9,009	2,225	17,968	6,594	255,550	.....
1961.....	239,742	8,542	2,260	25,097	7,748	283,389	.....
1962.....	226,986	9,172	2,697	27,878	9,770	276,503	.....
1963.....	241,020	9,580	2,930	32,601	7,582	293,713	.....
1964.....	241,217	9,988	4,199	29,546	7,399	292,349	.....
1965.....	235,617	9,925	3,965	32,093	8,668	290,268	.....
1966.....	210,146	9,890	5,116	41,144	7,703	273,999	.....
1967.....	239,313	10,335	5,087	51,096	8,449	314,280	.....
1968.....	212,443	9,795	6,408	62,177	9,608	300,431	.....
1969.....	209,676	10,318	6,217	71,232	9,600	307,063	.....
<b>Spanish:</b>							
1960.....	144,011	3,698	54,302	78,685	3,729	284,425	.....
1961.....	152,386	3,751	52,219	79,245	3,935	291,536	.....
1962.....	151,101	3,716	55,265	78,123	4,147	292,352	.....
1963.....	169,068	4,140	54,649	76,540	3,361	307,764	.....
1964.....	183,655	4,024	56,996	86,118	4,253	335,016	.....
1965.....	194,002	4,012	58,918	96,577	4,139	357,648	.....
1966.....	201,878	4,736	59,929	102,422	4,325	378,010	.....
1967.....	225,830	4,133	58,891	106,235	3,259	398,348	.....
1968.....	273,892	3,735	60,168	106,751	3,954	448,500	.....
1969.....	283,483	4,354	57,375	106,444	3,714	455,370	.....
<b>All types:</b>							
1960.....	421,440	17,717	189,632	144,717	14,271	787,777	80,619
1961.....	433,768	17,688	183,384	148,411	15,334	803,565	81,989
1962.....	428,430	19,079	197,000	146,795	17,557	808,861	84,672
1963.....	462,075	20,677	199,439	149,496	15,255	846,852	84,344
1964.....	490,098	20,265	202,448	160,534	15,852	879,192	85,801
1965.....	499,490	21,502	213,359	189,059	18,313	932,723	84,645
1966.....	480,387	22,616	228,721	198,427	17,399	947,550	92,302
1967.....	513,728	22,393	232,630	216,146	17,241	1,002,138	92,534
1968.....	524,750	22,078	240,023	226,372	18,502	1,031,725	103,887
1969.....	540,514	21,655	240,911	236,375	21,148	1,060,603	105,831

<sup>1</sup> Excludes peanut butter made by manufacturers for own use in candy and/or peanut butter sandwiches.

<sup>2</sup> Apparent disappearance represents stocks beginning of year plus production, minus stocks at end of year.

Statistical Reporting Service. Data for 1949-59 in *Agricultural Statistics, 1967*, table 191.



Table 189.—Soybeans: Acreage, yield, production, value, and foreign trade, United States, 1954-70

Year	Acreage grown alone for all purposes	Acreage grazed, plowed under etc. <sup>1</sup>	Soybeans for beans						Foreign trade, year beginning July	
			Acreage harvested	Yield per acre	Production	Season average price per bushel received by farmers <sup>2</sup>	Farm value		Domestic exports	Imports
	1,000 acres	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars	1,000 bushels	1,000 bushels	
1954.....	18,541	949	16,444	19.7	324,065					
1954.....	18,541	949	17,047	20.0	341,075	2.46	840,767	51,087		1
1955.....	19,674	656	18,620	20.1	373,682	2.22	830,909	71,097		2
1956.....	21,700	854	20,620	21.8	449,251	2.18	960,299	76,086	( <sup>3</sup> )	2
1957.....	21,928	885	20,837	23.2	483,425	2.07	1,002,541	87,936		2
1958.....	25,108	885	23,993	24.2	580,250	2.00	1,160,112	102,829		2
1959.....	23,349	597	22,631	23.5	532,899	1.96	1,046,468	131,891		1
1960.....	24,440	543	23,655	23.5	555,085	2.13	1,184,910	143,171		4
1961.....	27,787	541	27,003	25.1	678,554	2.28	1,543,909	147,473	( <sup>3</sup> )	4
1962.....	28,418	497	27,608	24.2	669,186	2.34	1,564,352	171,001		
1963.....	29,462	470	28,615	24.4	699,165	2.51	1,755,076	187,568		1
1964.....	31,605	465	29,840	22.8	669,714	2.62	1,836,441	208,666	( <sup>3</sup> )	
1965.....	35,227	778	34,449	24.5	845,608	2.54	2,151,305	256,584	( <sup>3</sup> )	
1966.....	37,294	748	36,546	25.4	928,481	2.75	2,553,407	251,785	( <sup>3</sup> )	
1967.....	40,776	1,009	39,767	24.5	976,060	2.49	2,432,564	265,237	( <sup>3</sup> )	
1968.....	42,037	933	41,104	26.8	1,103,129	2.43	2,679,210	290,712	( <sup>3</sup> )	
1969.....	42,198	1,216	40,982	27.5	1,126,314	2.35	2,647,499	404,819	( <sup>3</sup> )	
1970 <sup>4</sup> .....	43,332	885	42,447	26.8	1,135,769	2.84	3,203,958			

<sup>1</sup> Beginning 1965, includes soybeans for hay; data for soybean hay for earlier years are included in table 394.

<sup>2</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>3</sup> Less than 500 bushels.

<sup>4</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Foreign trade from the U.S. Department of Commerce. Data for 1924-53 in *Agricultural Statistics, 1967*, table 192.

Table 190.—Soybeans: Price-support operations, United States, 1961-71

Year beginning September <sup>1</sup>	Support price		Season average price per bushel received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Aug. 31 <sup>3</sup>
	Per bushel	Percentage of parity <sup>2</sup>		Quantity	Percentage of production		
	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>1,000 bushels</i>	<i>Percent</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
1961.....	2.30	80	2.28	132,465	19.5	60,506	42,517
1962.....	2.25	76	2.34	63,780	10.3	1,186	1,654
1963.....	2.25	75	2.51	72,835	10.4	12,191	3,039
1964.....	2.25	74	2.62	26,373	4.1		8
1965.....	2.25	74	2.54	86,373	10.2	29	9
1966.....	2.50	78	2.75	153,521	16.5	26,322	7,340
1967.....	2.50	76	2.49	201,375	20.6	\$ 83,461	29,435
1968.....	2.50	74	2.43	342,735	31.1	\$ 166,315	171,423
1969.....	2.25	62	2.35	179,538	15.9	\$ 229	150,190
1970.....	2.25	60	* 2.82	\$ 146,000	* 12.8		
1971.....	2.25	* 68					

<sup>1</sup> Year beginning October through 1964; CCC-owned stocks as of Sept. 30 through 1965.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchase agreements entered into, and direct purchases.

<sup>4</sup> Acquisitions through loans and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Through Mar. 31, 1971.

<sup>6</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 201.

Table 191.—Soybeans: Acreage, yield, production, and season average price per bushel received by farmers, by States, 1968-70

State	Grown alone for all purposes			Soybeans for beans					
				Acreage harvested			Yield per acre		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Bushels	Bushels	Bushels
New York	6	5	6	6	5	6	22.0	21.0	20.0
New Jersey	48	49	52	45	46	50	24.0	28.0	24.5
Pennsylvania	25	27	30	22	25	28	24.0	30.0	32.0
Ohio	2,288	2,380	2,458	2,276	2,344	2,438	30.5	29.0	28.5
Indiana	3,267	3,333	3,333	3,246	3,311	3,311	32.0	32.5	31.5
Illinois	6,717	6,846	6,913	6,663	6,730	6,865	31.5	33.5	31.0
Michigan	480	528	539	463	514	524	26.0	23.0	26.0
Wisconsin	165	180	155	161	174	153	22.0	19.0	21.0
Minnesota	3,286	3,108	3,170	3,232	3,068	3,129	22.0	24.5	26.5
Iowa	5,576	5,632	5,857	5,561	5,450	5,832	32.0	33.0	32.0
Missouri	3,695	3,252	3,577	3,663	3,150	3,496	28.0	26.0	26.0
North Dakota	219	188	179	215	185	176	15.5	16.0	15.0
South Dakota	305	256	261	300	243	255	17.5	24.5	17.5
Nebraska	801	777	824	782	766	812	23.5	33.5	22.0
Kansas	973	866	1,074	957	852	1,005	25.0	23.0	15.0
Delaware	159	165	165	156	162	162	19.0	29.0	21.0
Maryland	214	210	216	209	205	213	26.0	33.0	24.0
Virginia	399	383	372	372	361	359	19.0	22.0	19.0
North Carolina	1,163	1,000	990	972	885	876	17.5	26.5	24.0
South Carolina	1,023	992	1,032	931	959	997	12.5	22.5	20.5
Georgia	525	514	550	472	467	528	15.0	24.0	22.5
Florida	145	174	188	143	169	184	24.0	27.0	28.0
Kentucky	491	520	582	466	485	558	26.5	28.0	27.0
Tennessee	1,268	1,268	1,293	1,193	1,193	1,229	21.0	24.0	23.0
Alabama	594	683	642	557	641	609	22.0	23.0	23.5
Mississippi	2,182	2,357	2,361	2,120	2,290	2,536	27.0	22.0	24.0
Arkansas	4,025	4,807	4,393	3,989	4,228	4,313	22.0	20.5	22.5
Louisiana	1,475	1,696	1,730	1,436	1,608	1,688	27.0	19.0	22.5
Oklahoma	191	230	200	184	204	177	21.0	17.0	17.0
Texas	332	282	170	312	262	158	27.0	29.0	28.0
United States	42,037	42,198	43,332	41,104	40,982	42,447	26.8	27.5	26.8

State	Soybeans for beans—Continued					
	Production			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	Dollars	Dollars	Dollars
New York	132	105	120	2.25	2.10	2.65
New Jersey	1,080	1,288	1,225	2.37	2.34	2.80
Pennsylvania	528	750	896	2.32	2.30	2.90
Ohio	69,418	67,976	69,453	2.40	2.36	2.85
Indiana	103,872	107,008	104,297	2.40	2.39	2.80
Illinois	209,894	225,455	212,815	2.48	2.38	2.90
Michigan	12,038	11,822	13,624	2.39	2.33	2.80
Wisconsin	3,542	3,306	3,213	2.36	2.35	2.70
Minnesota	71,104	75,166	82,919	2.42	2.37	2.75
Iowa	177,952	179,850	188,024	2.44	2.36	2.80
Missouri	102,564	81,900	90,896	2.40	2.32	2.80
North Dakota	3,332	2,960	2,640	2.33	2.28	2.70
South Dakota	5,250	5,954	4,468	2.37	2.26	2.70
Nebraska	18,377	25,661	17,864	2.38	2.24	2.75
Kansas	22,925	19,596	15,075	2.30	2.22	2.70
Delaware	2,964	4,098	3,402	2.40	2.31	2.90
Maryland	5,225	6,765	5,112	2.39	2.30	2.90
Virginia	7,068	9,025	6,441	2.44	2.37	2.90
North Carolina	17,010	23,453	21,024	2.44	2.37	2.90
South Carolina	11,638	21,578	20,439	2.47	2.37	2.90
Georgia	7,080	11,208	11,890	2.45	2.44	2.95
Florida	3,432	4,563	5,152	2.44	2.40	2.90
Kentucky	12,349	13,380	15,060	2.39	2.32	2.80
Tennessee	25,033	28,632	28,267	2.39	2.31	2.75
Alabama	12,254	14,743	14,312	2.42	2.31	2.80
Mississippi	57,240	50,380	56,064	2.45	2.39	2.90
Arkansas	87,758	86,674	97,043	2.45	2.41	2.90
Louisiana	38,772	30,552	37,980	2.44	2.36	2.85
Oklahoma	3,864	3,468	3,009	2.29	2.17	2.65
Texas	8,424	7,598	4,424	2.33	2.18	2.65
United States	1,103,129	1,126,314	1,135,769	2.43	2.35	2.84

<sup>1</sup> Preliminary. <sup>2</sup> Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 192.—Soybeans: Acreage, yield, and production in specified countries and the world, average 1960-64, annual 1969 and 1970<sup>1</sup>

Continent and country	Acreage <sup>2</sup>			Yield per acre			Production		
	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>	Average 1960-64	1969	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	Quintals <sup>4</sup>	Quintals <sup>4</sup>	Quintals <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>	1,000 metric tons <sup>4</sup>
North America:									
Canada	224	322	335	7.32	6.49	8.45	164	209	283
United States <sup>5</sup>	27,535	40,982	42,447	6.53	7.48	7.28	17,978	30,654	30,911
Mexico	27	420	326	7.04	7.14	7.67	19	300	250
South America:									
Argentina	21	70	64	4.29	4.57	4.22	9	32	27
Brazil	704	2,239	2,940	4.12	4.72	4.53	290	1,057	1,332
Colombia	41	138	124	6.34	7.25	7.26	26	100	90
Paraguay <sup>6</sup>	8	69	104	6.25	4.35	4.33	5	30	45
Europe:									
Romania	28	133	128	1.79	3.83	6.09	5	51	78
Yugoslavia	26	11	17	4.62	4.55	2.94	12	5	5
U.S.S.R. (Europe and Asia)	1,820	2,095	2,137	1.75	2.07	2.97	318	434	550
Africa:									
Nigeria <sup>7</sup>		96			3.44		17	33	25
Tanzania <sup>8</sup>	10			3.00			3	4	
South Africa, Republic of <sup>9</sup>	21	33	27	1.43	2.12	1.48	3	7	4
Asia:									
Iran	0	36		0	12.50		0	45	
Turkey (Europe and Asia)	14	20	21	3.57	5.50	5.71	5	11	12
China:									
Mainland	20,660	19,768	19,768	3.66	3.14	3.49	7,556	6,200	6,900
Taiwan	130	112	99	4.15	5.98	6.67	54	67	66
Cambodia	29	12	10	3.45	3.33	3.00	10	4	3
Indonesia	1,473	1,465	1,657	2.72	2.84	2.28	401	416	378
Japan <sup>6</sup>	647	254	236	5.26	5.35	5.34	340	136	126
Korea, Republic of <sup>6</sup>	700	754	730	2.20	3.04	3.10	154	229	226
Philippines	5	4		4.00	2.50		2	1	
Thailand	68	119	127	4.26	5.13	7.87	29	61	100
Other countries	1,087	1,075	1,114	2.24	2.63	2.72	244	283	303
Total, excluding Romania, "Other Europe," U.S.S.R., mainland China, North Korea, and North Vietnam <sup>10</sup>	31,896	47,210	49,487	6.13	7.08	6.86	19,538	33,413	33,961
World total <sup>10</sup>	55,477	70,234	72,558	4.98	5.75	5.76	27,644	40,369	41,764

<sup>1</sup> Years shown refer to years of harvest. Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the Northern Hemisphere harvested the latter part of the same year. <sup>2</sup> Harvested acreage as far as possible. <sup>3</sup> Preliminary. <sup>4</sup> A quintal of soybeans is equivalent to 3.67 bushels; a metric ton of soybeans is equivalent to 36.7437 bushels. <sup>5</sup> Acreage harvested for beans. <sup>6</sup> Planted area. <sup>7</sup> Quantities purchased by the Nigerian Marketing Boards for export. <sup>8</sup> Sales. <sup>9</sup> European farms only. <sup>10</sup> Includes estimates for the above countries for which data are not available and for minor producing countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 193.—Soybeans for beans: Production, seed used, and farm disposition, United States, 1961-70

Crop of—	Production	Total used for seed	Disposition on farms where grown			Crop of—	Production	Total used for seed	Disposition on farms where grown		
			For seed	Fed to live-stock	Sold from farms				For seed	Fed to live-stock	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels		1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1961.....	678,554	33,310	19,303	1,332	657,919	1966.....	928,481	47,057	23,262	957	904,262
1962.....	669,186	34,614	19,681	1,148	648,357	1967.....	976,060	47,840	22,641	945	952,471
1963.....	699,165	36,011	20,117	898	678,150	1968.....	1,103,129	47,653	21,671	846	1,080,612
1964.....	700,921	40,285	21,219	853	678,849	1969.....	1,126,314	48,895	20,922	886	1,104,506
1965.....	845,008	42,867	21,890	866	822,852	1970 <sup>1</sup> .....	1,135,769	51,960	22,281	800	1,112,688

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced, and do not include purchases by farmers from others for such purposes. Data for 1944-60 in *Agricultural Statistics, 1967*, table 195.

Table 194.—Soybeans for beans: Production, seed used, and farm disposition, by States, crop of 1970 (preliminary)

State	Production	Total used for seed	Disposition on farms where grown		
			For seed	Fed to livestock	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
New York.....	120	10	3	7	110
New Jersey.....	1,225	101	40	6	1,179
Pennsylvania.....	896	61	29	26	831
Ohio.....	69,483	3,452	1,553	69	67,861
Indiana.....	104,297	3,666	1,943	104	102,250
Illinois.....	212,815	8,517	4,514	.....	208,301
Michigan.....	13,624	744	461	27	13,136
Wisconsin.....	3,213	200	82	129	3,002
Minnesota.....	82,919	3,696	1,996	83	80,840
Iowa.....	186,624	6,443	2,706	.....	183,918
Missouri.....	90,896	4,975	2,139	.....	88,757
North Dakota.....	2,640	226	102	.....	2,338
South Dakota.....	4,463	319	179	18	4,266
Nebraska.....	17,864	989	554	18	17,292
Kansas.....	15,075	1,314	710	30	14,335
Delaware.....	3,402	163	98	7	3,297
Maryland.....	5,112	233	128	10	4,974
Virginia.....	6,441	459	266	52	6,123
North Carolina.....	21,024	1,253	251	63	20,710
South Carolina.....	20,439	1,104	662	41	19,736
Georgia.....	11,880	937	375	24	11,481
Florida.....	5,152	230	35	10	5,107
Kentucky.....	15,066	1,036	363	15	14,688
Tennessee.....	28,267	1,691	355	28	27,884
Alabama.....	14,312	847	169	14	14,129
Mississippi.....	86,064	2,619	796	.....	55,278
Arkansas.....	97,043	4,487	1,553	.....	95,490
Louisiana.....	37,980	1,851	93	.....	37,887
Oklahoma.....	5,009	200	80	9	2,920
Texas.....	4,424	187	56	.....	4,368
United States.....	1,135,769	51,960	22,281	800	1,112,688

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used by the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

Table 195.—Soybeans: Stocks on and off farms, United States, 1961-71

Year	On farms				Off farms <sup>1</sup>			
	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>	Jan. 1	Apr. 1	July 1	Oct. 1 <sup>1</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1961.....	171,858	72,392	11,395	1,623	249,453	189,252	80,905	4,368
1962.....	257,700	164,380	40,688	13,753	262,168	191,375	111,446	43,806
1963.....	225,921	134,600	36,289	3,946	303,282	207,469	101,551	11,096
1964.....	260,421	190,607	72,598	15,144	297,510	185,825	98,216	16,767
1965.....	190,728	98,001	22,982	7,568	334,820	249,035	108,465	22,131
1966.....	284,310	149,747	19,155	4,412	334,554	225,888	114,867	31,227
1967.....	344,394	217,410	84,610	41,626	377,041	240,500	114,170	48,511
1968.....	350,634	235,811	120,586	60,699	432,333	301,182	164,442	105,618
1969.....	409,127	276,142	141,138	71,772	547,779	449,748	314,153	252,637
1970.....	371,510	209,243	78,930	40,804	683,425	525,001	324,676	189,256
1971 <sup>2</sup> .....	396,474	230,365	.....	.....	553,018	369,081	.....	.....

<sup>1</sup> Old crop only. Beginning 1965, estimates are for Sept. 1.

<sup>2</sup> Stocks at mills, elevators, and warehouses, at processing plants, commercial stocks at terminals, and those owned by Commodity Credit Corporation which are in transit to ports or stored in their own bins.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1942-60 in *Agricultural Statistics, 1967*, table 197.

Table 196.—Soybeans: Supply and disappearance, United States, 1960-70

Year beginning September	Supply					Production	Total
	Stocks by position						
	Farm	Terminal market, interior mill, elevator, and warehouse	Commodity Credit Corporation <sup>1</sup>	Total			
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	
1960.....				51,800	555,085		606,885
1961.....				27,100	678,554		705,654
1962.....				78,300	660,186		747,486
1963.....				46,000	699,165		745,165
1964.....				67,300	700,921		768,221
1965.....	7,568	22,131	0	29,699	845,608		875,307
1966.....	4,412	31,227	0	35,639	928,481		964,120
1967.....	41,626	48,511	0	90,137	976,060		1,066,197
1968.....	60,699	105,589	29	166,317	1,103,129		1,269,446
1969 <sup>2</sup> .....	71,772	247,311	5,326	324,409	1,126,314		1,450,723
1970 <sup>3</sup> .....	40,804	180,518	8,738	230,060	1,135,769		1,365,829

Year beginning September	Disappearance				
	Seed	Crushed <sup>3</sup>	Feed and residual	Net exports <sup>4</sup>	Total
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1960.....	32,520	406,137	6,458	134,670	579,785
1961.....	33,319	431,351	13,294	149,420	627,354
1962.....	34,614	472,761	13,658	180,463	701,496
1963.....	36,011	496,821	17,832	187,201	737,865
1964.....	40,285	478,980	7,082	212,175	738,522
1965.....	42,867	537,477	8,733	250,591	839,668
1966.....	47,057	559,403	5,932	261,591	873,983
1967.....	47,840	576,390	9,073	266,577	899,880
1968.....	47,653	605,920	4,688	286,776	945,037
1969 <sup>2</sup> .....	48,895	737,349	5,704	428,715	1,220,663

<sup>1</sup> Owned by CCC and stored in bins or other storage owned or controlled by CCC. Other CCC-owned grain included in the estimates by positions.

<sup>2</sup> Preliminary.

<sup>3</sup> Reported by the U.S. Department of Commerce.

<sup>4</sup> Imports negligible.

Economic Research Service. Data for 1942-59 in *Agricultural Statistics, 1967*, table 199.

Table 197.—Soybeans: Crushings, and oil and meal stocks, production, and foreign trade, United States, 1960-70

Year beginning October	Soybeans crushed					Soybean oil			Soybean cake and meal		
	Oct.- Dec.	Jan.- Mar.	Apr.- June	July- Sept.	Total	Stocks Oct. 1	Pro- duction	Exports	Stocks Oct. 1	Pro- duction	Exports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	Million pounds	Million pounds	Million pounds	1,000 tons	1,000 tons	1,000 tons
1960.....	110,801	108,347	99,113	83,956	402,217	308	4,420	1,721	83	9,432	590
1961.....	113,729	116,116	109,380	99,613	438,838	677	4,790	1,308	78	10,342	1,064
1962.....	125,530	123,507	116,044	106,417	471,498	618	5,091	1,165	94	11,127	1,476
1963.....	119,137	104,343	106,671	110,766	440,917	920	4,822	1,106	159	10,609	1,478
1964.....	131,139	121,617	116,197	104,121	473,074	578	5,146	1,357	122	11,286	2,036
1965.....	141,237	144,717	138,690	117,730	542,383	297	5,800	948	106	12,901	2,602
1966.....	143,653	142,106	145,507	135,054	566,130	462	6,076	1,105	132	13,483	2,657
1967.....	152,600	148,090	140,960	130,777	572,427	596	6,032	993	138	13,660	2,899
1968.....	162,479	149,442	155,465	147,837	615,223	540	6,531	899	145	14,581	3,044
1969.....	186,968	184,637	193,571	177,961	743,137	415	7,904	1,449	157	17,597	4,035
1970 <sup>2</sup> .....						543			137		

<sup>1</sup> Includes estimates of foreign donations not reported by the U.S. Department of Commerce.

<sup>2</sup> Preliminary.

Economic Research Service. Data from the U.S. Department of Commerce. Data for 1944-59 in *Agricultural Statistics, 1967*, table 198.



Table 198.—Soybeans, soybean oil, and soybean oilseed cake and meal: United States exports by country of destination, crop years 1967-69<sup>1</sup>

Continent and country of destination	Soybeans			Soybean oil <sup>2</sup>			Soybean oilseed cake and meal		
	1967	1968	1969 <sup>3</sup>	1967	1968	1969 <sup>3</sup>	1967	1968	1969 <sup>3</sup>
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 pounds	1,000 pounds	1,000 pounds	Tons	Tons	Tons
North America:									
Barbados.....	0	0	0	0	10	10	448	0	0
Canada.....	21,736	37,856	66,087	25,075	29,049	51,041	227,828	262,857	270,924
Haiti.....	0	0	0	16,604	19,155	19,194	0	0	153
Jamaica.....	0	0	0	9,389	11,589	15,248	4,219	7,325	11,610
Mexico.....	308	824	5,004	11,332	4,168	18,189	2,673	870	2,756
Netherlands Antilles.....	0	0	0	1,439	871	880	0	0	0
Panama.....	0	0	0	10,814	352	16,590	1,085	1,358	1,035
Total <sup>4</sup> .....	22,044	38,680	71,486	128,483	98,893	151,079	253,220	285,983	302,382
South America:									
Bolivia.....	0	0	0	514	300	2,413	0	0	0
Chile.....	0	0	0	33,237	30,513	37,797	0	0	3,307
Colombia.....	0	0	0	8,502	7,514	16,620	0	0	0
Ecuador.....	0	0	0	5,062	8,793	12,187	0	0	0
Peru.....	0	0	202	4,878	9,473	59,016	2	0	1
Surinam.....	0	0	0	24	13	63	50	200	140
Venezuela.....	1,336	1,650	2,070	2,275	2,724	62	64	88	33
Total <sup>4</sup> .....	1,343	1,654	2,272	77,325	71,254	139,126	368	319	3,481
Europe:									
Belgium and Luxembourg.....	8,698	10,237	16,115	15	11	7	240,691	166,856	218,959
Czechoslovakia.....	149	240	470	0	0	2	11,574	2,205	36,241
Denmark.....	15,516	11,797	18,408	0	33	7	66,010	18,267	32,507
France.....	551	284	4,988	18	50	11	495,417	471,844	622,850
Germany, West.....	31,966	30,515	41,778	234	121	1,856	508,191	636,521	855,857
Greece.....	1	0	0	0	0	0	2,095	272	0
Iceland.....	0	0	0	480	45	60	0	0	0
Ireland.....	0	0	0	0	0	0	31,012	43,154	60,440
Italy.....	14,788	16,428	25,413	133	113	117	190,507	231,901	309,498
Netherlands.....	36,835	40,660	57,397	332	309	835	546,921	515,845	659,042
Norway.....	4,959	4,247	5,434	21	0	24	0	0	116
Poland.....	1,256	1,381	4,928	15,645	4,332	10,203	80,633	102,994	109,899
Spain.....	29,498	31,172	36,349	1,491	0	0	14,974	96,082	34,128
Sweden.....	1	3	8	20	14	9	527	298	1,130
Switzerland.....	431	380	495	0	0	0	9,446	64,336	111,771
United Kingdom.....	3,919	4,840	7,510	48	1,355	12,423	81,963	38,539	42,945
Yugoslavia.....	0	0	0	0	7	1,272	113,676	143,311	173,840
Total <sup>4</sup> .....	148,568	152,731	220,856	21,897	7,484	37,791	2,525,988	2,639,543	3,509,244
Africa:									
Algeria.....	0	0	0	0	2,700	1,052	0	0	0
Morocco.....	0	0	0	54,790	28,136	52,866	0	0	0
South Africa, Republic of.....	0	0	0	404	131	432	27	4	0
United Arab Republic.....	0	0	0	0	0	28,606	497	1,750	3,582
Total <sup>4</sup> .....	0	0	0	164,483	107,277	212,881	531	1,754	3,582
Asia:									
India.....	4	0	0	195,813	327,946	247,625	2,351	553	88
Israel.....	9,515	6,541	8,279	49,427	34,199	37,672	47	28	27
Japan.....	73,739	69,883	101,382	0	1,512	11,484	16,274	19,931	83,905
Korea, Republic of.....	639	632	1,338	2,534	2,111	3,154	111	3,923	20,120
Pakistan.....	0	0	0	223,728	113,799	355,038	0	0	0
Philippines.....	0	0	0	3,212	64	148	47,679	43,844	49,076
China (Taiwan).....	10,632	16,590	21,207	4,727	0	8,817	0	0	0
Turkey.....	0	0	0	3,139	369	6,335	0	0	0
Total <sup>4</sup> .....	94,617	93,703	133,892	567,171	582,296	869,682	92,258	91,288	182,485
Oceania:									
New Zealand.....	0	1	0	9	72	118	0	0	0
Total <sup>4</sup> .....	5	6	212	7,866	2,358	8,511	27,098	25,441	34,257
Grand total.....	266,577	286,774	428,718	967,225	869,562	1,419,070	2,899,463	3,044,328	4,035,431

<sup>1</sup> For soybeans, year begins Sept. 1; for soybean oil and oilseed cake and meal, year begins Oct. 1.<sup>2</sup> Preliminary.<sup>3</sup> Crude and refined oil combined as such. Includes shipments under P.L. 480 as reported by the Census Bureau.<sup>4</sup> Includes small quantities exported to countries not shown.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 199.—Soybeans, soybean oil, and meal: Average price at specified markets, 1960-69

Year beginning October	Soybeans, per bushel	Oil, domestic per pound		Meal, per ton	Year beginning October	Soybeans, per bushel	Oil, domestic, per pound		Meal, per ton
	No. 2 Yellow, Chicago <sup>1</sup>	Crude, tanks, mid-western mills	Edible, drums, New York <sup>2</sup>	44 percent protein, bulk, Decatur		No. 2 Yellow, Chicago <sup>1</sup>	Crude, tanks, mid-western mills	Edible, drums, New York <sup>2</sup>	44 percent protein, bulk, Decatur
	Dollars	Cents	Cents	Dollars		Dollars	Cents	Cents	Dollars
1960.....	2.17	11.3	13.1	60.60	1965.....	2.63	11.8	13.8	81.50
1961.....	2.43	9.5	11.4	63.60	1966.....	2.92	10.1	12.1	78.80
1962.....	2.54	8.9	10.7	71.25	1967.....	2.64	8.4	10.7	76.90
1963.....	2.74	8.5	10.3	71.00	1968.....	2.56	8.3	10.2	74.10
1964.....	2.82	11.4	13.2	70.20	1969.....	2.68	11.0	12.9	78.40

<sup>1</sup> Prices are weighted by carlot sales.<sup>2</sup> Quotations are price-per-pound tanks.Economic Research Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 202.Table 200.—Olive oil:<sup>1</sup> Production in specified countries and the world, 1967-70

Country	1967	1968	1969	1970 <sup>2</sup>	Country	1967	1968	1969	1970 <sup>2</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons		1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
Europe:					Africa:				
France.....	2	2	2	4	Algeria.....	16	22	18	22
Greece.....	180	194	154	150	Morocco.....	18	18	50	16
Italy.....	320	537	385	471	Tunisia.....	20	51	55	25
Portugal.....	38	81	53	72	Libya.....	5	28	6	13
Spain.....	437	259	480	358	Total.....	59	119	129	76
Yugoslavia.....	5	7	2	1	Others <sup>3</sup> .....	16	22	18	26
Total.....	982	1,080	1,076	1,056	World total.....	1,203	1,336	1,386	1,244
Middle East:									
Israel.....	1	3	1	3					
Jordan.....	7	18	9	14					
Syria.....	23	22	22	12					
Lebanon.....	5	12	5	7					
Turkey.....	110	60	126	50					
Total.....	146	115	163	86					

<sup>1</sup> Production in marketing year beginning Nov. 1; excludes sulfur oil.<sup>2</sup> Preliminary.<sup>3</sup> Largely Argentina.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 201.—Tung nuts: Production, season average price per ton received by growers, value, tung oil production, stocks, domestic disappearance, and foreign trade, United States, 1954-70**

Year	Tung nuts <sup>1</sup>			Tung oil				
	Production	Price	Farm value	Production	Stocks Dec. 31	Domestic disappearance	Imports for consumption	Exports and re-exports
	Tons	Dollars	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1954.....	51,050	59.40	3,032	32,047	51,468	48,365	36,478	238
1955.....	6,200	64.00	397	10,224	28,537	50,601	21,054	3,608
1956.....	103,460	53.40	5,524	13,174	20,052	51,261	31,306	1,704
1957.....	82,650	52.30	4,323	30,315	30,107	48,464	29,170	966
1958.....	146,700	53.20	7,810	30,751	47,900	40,882	28,352	426
1959.....	110,600	52.40	5,797	40,600	39,100	48,474	23,316	24,243
1960.....	42,600	62.50	2,661	29,900	30,700	39,715	23,358	21,944
1961.....	111,540	57.30	6,741	16,000	11,800	40,358	26,894	21,436
1962.....	22,800	122.00	2,786	28,000	17,400	33,329	21,219	10,090
1963.....	73,500	65.50	4,814	11,800	15,300	30,663	19,466	2,703
1964.....	123,300	61.70	7,607	24,500	35,700	31,290	29,149	1,959
1965.....	33,300	60.50	2,016	26,700	52,400	32,277	23,266	988
1966.....	82,900	57.90	4,804	14,300	63,700	32,569	30,373	802
1967.....	40,100	66.10	2,650	25,400	70,700	36,754	19,934	1,580
1968.....	17,000	67.00	1,139	5,000	60,700	37,736	16,678	1,942
1969.....	18,800	61.00	1,154	5,000	54,902	31,404	22,464	1,848
1970 <sup>2</sup> .....	16,200	66.00	1,119	5,000	47,710	28,233	18,151	2,110

<sup>1</sup> Data on tung nuts in Florida, Alabama, Mississippi, and Louisiana; includes Georgia, 1954-61.

<sup>2</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Data on tung oil from reports of the U.S. Department of Commerce. Data for 1939-53 in *Agricultural Statistics, 1967*, table 203.

**Table 202.—Tung nuts: Production and season average price per ton received by growers, 4 principal States, 1968-70**

State	Production <sup>1</sup>			Price for crop of—		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	Tons	Tons	Tons	Dollars	Dollars	Dollars
Florida.....	12,000	15,700	11,500	67.00	60.00	60.00
Alabama.....	( <sup>3</sup> )	400	200	( <sup>3</sup> )	62.00	60.00
Mississippi.....	4,100	1,300	1,500	67.00	60.00	60.00
Louisiana.....	900	1,400	3,000	67.00	60.00	60.00
United States.....	17,000	18,800	16,200	67.00	61.00	60.00

<sup>1</sup> Production and price in terms of air-dried nuts in the husk.

<sup>2</sup> Preliminary.

<sup>3</sup> Production too small to warrant quantitative estimate.

Statistical Reporting Service. The yield of oil from unhusked tung nuts varies from year to year but is usually estimated at around 16 percent of the weight of the nuts. Production and supply of tung oil appear in table 201.

Table 203.—Margarine, actual weight: Supply and disposition, United States, 1954-70

Year	Supply			Disposition			
	Production	Stocks, Jan. 1	Total supply	Exports and shipments	Domestic disappearance		
					Military	Civilian	
						Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1954	1,364	22	1,386	8	5	1,346	8.5
1955	1,334	27	1,361	8	6	1,323	8.2
1956	1,370	24	1,394	9	4	1,354	8.2
1957	1,463	28	1,490	10	8	1,446	8.6
1958	1,573	26	1,599	9	3	1,549	9.0
1959	1,611	38	1,649	10	2	1,604	9.2
1960	1,695	34	1,729	10	11	1,676	9.4
1961	1,724	33	1,756	8	7	1,708	9.4
1962	1,726	33	1,759	9	2	1,709	9.3
1963	1,794	39	1,833	9	2	1,785	9.6
1964	1,857	36	1,893	9	2	1,835	9.7
1965	1,904	48	1,952	8	11	1,891	9.9
1966	2,110	42	2,152	14	46	2,038	10.5
1967	2,114	53	2,167	15	47	2,046	10.5
1968	2,141	60	2,201	10	12	2,130	10.8
1969	2,182	49	2,231	12	13	2,154	10.8
1970 <sup>1</sup>	2,230	52	2,282	13	2	2,223	11.0

<sup>1</sup> Preliminary.Economic Research Service. Totals and per capita estimates computed from unrounded numbers. Data for 1944-53 in *Agricultural Statistics, 1967*, table 206.

Table 204.—Margarine: Fats and oils used in manufacture, United States, 1961-70

Year	Vegetable oils							Animal fats and oils		Total
	Soy-bean oil	Cotton-seed oil	Peanut oil	Corn oil	Coco-nut oil	Safflower oil	Other	Lard	Beef fats	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961	1,062	139	3	89	3	-----	11	72	6	1,386
1962	1,068	106	4	99	5	6	37	70	10	1,394
1963	1,049	104	4	136	4	22	36	84	11	1,451
1964	1,139	101	10	150	6	12	5	64	13	1,500
1965	1,112	114	4	161	5	10	14	100	14	1,535
1966	1,204	106	6	187	12	46	1	82	5	1,710
1967	1,249	78	5	176	15	42	4	125	10	1,703
1968	1,240	70	4	179	14	42	3	153	15	1,720
1969	1,332	76	3	172	15	44	3	86	13	1,744
1970 <sup>1</sup>	1,410	68	-----	185	10	22	1	90	9	1,794

<sup>1</sup> Preliminary.Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers. Data for 1944-60 in *Agricultural Statistics, 1967*, table 207.

Table 205.—Shortening: Supply and disposition, United States, 1954-70

Year	Supply			Disposition				
	Factory and warehouse stocks, Jan. 1	Production	Total supply <sup>1</sup>	Exports	Shipments to U.S. Territories <sup>2</sup>	Domestic disappearance		
						Military	Civilian	Civilian, per person
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1954.....	94	1,961	2,055	14	3	45	1,870	11.8
1955.....	120	1,975	2,095	39	3	47	1,903	11.5
1956.....	143	1,842	1,985	9	3	54	1,797	10.9
1957.....	122	1,808	1,930	13	4	37	1,756	10.4
1958.....	120	2,006	2,126	29	4	30	1,935	11.3
1959.....	127	2,252	2,380	32	5	32	2,196	12.6
1960.....	115	2,313	2,428	26	5	39	2,238	12.6
1961.....	120	2,456	2,576	87	5	51	2,311	12.8
1962.....	123	2,689	2,812	131	8	39	2,469	13.4
1963.....	165	2,584	2,749	61	5	39	2,525	13.5
1964.....	119	2,664	2,783	16	5	43	2,598	13.7
1965.....	121	2,792	2,913	40	5	57	2,695	14.0
1966.....	117	3,181	3,298	30	12	59	3,079	15.9
1967.....	119	3,226	3,345	28	11	58	3,108	15.9
1968.....	139	3,312	3,451	34	10	53	3,211	16.2
1969.....	143	3,481	3,624	23	9	54	3,396	17.0
1970 <sup>4</sup> .....	139	3,588	3,727	25	12	60	3,496	17.3

<sup>1</sup> Includes imports, which are negligible.<sup>2</sup> Shipments to Puerto Rico and Virgin Islands only.<sup>3</sup> Includes estimates of foreign donations not reported by the U.S. Department of Commerce.<sup>4</sup> Preliminary.Economic Research Service. Compiled from reports of the Commerce and Agriculture Departments. Data for 1944-53 in *Agricultural Statistics, 1967*, table 208.

Table 206.—Shortening: Fats and oils used in manufacture, United States, 1961-70

Year	Vegetable oils						Animal fats and oils		Total primary and secondary fats and oils
	Cotton-seed oil	Soybean oil	Coconut oil	Peanut oil	Corn oil	Other	Lard	Beef fats	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961.....	356	1,160	26	3	14	22	530	348	2,459
1962.....	367	1,962	27	1	7	23	571	338	2,696
1963.....	330	1,228	19	3	3	22	594	413	2,611
1964.....	378	1,388	18	5	8	19	446	430	2,683
1965.....	403	1,471	20	3	8	19	456	388	2,768
1966.....	370	1,734	38	14	8	46	491	491	3,192
1967.....	273	1,741	40	24	12	70	576	506	3,243
1968.....	248	1,842	41	21	10	76	601	487	3,326
1969.....	248	2,101	47	16	13	123	475	483	3,505
1970 <sup>1</sup> .....	276	2,182	45	16	12	92	430	546	3,599

<sup>1</sup> Preliminary.Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers. Data for 1944-60 in *Agricultural Statistics, 1967*, table 209.

**Table 207.—Food fats and oils (including fat content of butter): Supply and disposition, United States, 1961-70<sup>1</sup>**

Year	Stocks, Jan. 1	Production <sup>2</sup>	Imports	Food uses of other fats and oils <sup>3</sup>	Total supply	Ex- ports <sup>4</sup>	Nonfood use	Net domestic disappearance of fats and oils for food <sup>5</sup>	
								Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1961.....	1,272	12,334	84	279	13,969	3,358	531	8,299	45.2
1962.....	1,782	13,331	90	336	15,538	4,463	544	8,513	45.6
1963.....	2,018	13,681	49	307	16,054	4,319	579	8,759	46.3
1964.....	2,396	14,051	72	307	16,826	5,633	572	9,124	47.6
1965.....	1,497	14,267	49	347	16,160	5,205	621	9,294	47.9
1966.....	1,041	14,504	65	438	16,048	4,273	685	9,777	49.8
1967.....	1,363	14,546	78	587	16,574	4,579	635	9,777	49.2
1968.....	1,583	14,924	91	552	17,150	4,794	680	10,252	51.1
1969.....	1,423	15,820	69	623	17,935	5,414	661	10,467	51.7
1970 <sup>6</sup> .....	1,393	18,208	69	534	20,294	7,484	648	10,871	53.1

<sup>1</sup> Includes butter (fat content), lard, and beef fats; cottonseed, peanut, soybean, corn, and olive oils; and minor oils such as sesame. Stocks and exports also include margarine, shortening, vegetable stearine, and secondary edible oils.

<sup>2</sup> Production and exports also include oil equivalent of exported soybeans, cottonseed, and peanuts for crushing abroad.

<sup>3</sup> Chiefly coconut, palm kernel, and palm oils.

<sup>4</sup> Includes shipments to U.S. Territories.

<sup>5</sup> In some years, disappearance cannot be computed from data contained in this table, as adjustments have been made because additional items have been incorporated in stock data.

<sup>6</sup> Preliminary.

Economic Research Service. Compiled from reports of the Commerce and Agriculture Departments. Totals and per capita estimates computed from unrounded numbers. Data for 1944-60 in *Agricultural Statistics, 1967*, table 210.

**Table 208.—Drying-oil industries: Fats and oils used, United States, 1961-70**

Year	Linseed oil	Soybean oil	Tung oil	Fish oil	Castor oil	Oilcloa oil	Other primary fats and oils	Sec- ondary fatty materials	Tall oil	Total <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961.....	365	163	38	73	75	7	6	32	96	855
1962.....	374	166	32	70	92	16	9	28	104	891
1963.....	388	178	31	22	101	5	17	31	105	879
1964.....	372	188	31	41	111	10	23	24	102	902
1965.....	328	208	34	80	107	8	4	23	117	909
1966.....	310	214	33	130	89	8	1	24	114	923
1967.....	315	192	37	65	92	1	5	43	107	859
1968.....	251	193	38	122	89	11	8	47	109	868
1969.....	271	191	31	63	61	12	122		88	738
1970 <sup>2</sup> .....	230	169	28	24	48	4	49		75	627

<sup>1</sup> Excludes fats and oils used in fatty acids, many of which are used in drying-oil products.

<sup>2</sup> Beginning 1969, not reported separately.

<sup>3</sup> Preliminary.

Economic Research Service. These estimates include utilization in paints, varnishes, floor coverings, printing inks, core oil, resins, insulation, linings, packings, caulking compounds, oilcloth, and other coated fabrics. Compiled from reports of the Commerce and Interior Departments. Totals computed from unrounded numbers. Data for 1944-60 in *Agricultural Statistics, 1967*, table 211.

Table 209.—Total fats and oils (including fat content of butter): Supply, disposition, and utilization, United States, 1961-70

Year	Supply				Disposition	
	Production from domestic materials <sup>1</sup>	Imports and production from imported materials	Stocks, Jan. 1	Total	Exports <sup>1,2</sup>	Domestic disappearance
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961.....	17,611	1,145	2,138	20,894	5,194	12,898
1962.....	18,712	1,171	2,814	22,697	6,007	13,735
1963.....	19,338	1,104	3,193	23,635	6,551	13,584
1964.....	20,672	1,131	3,599	25,402	8,211	14,368
1965.....	20,532	1,189	2,721	24,442	7,481	14,338
1966.....	21,013	1,359	2,445	24,817	6,725	15,312
1967.....	21,004	1,316	2,794	25,114	7,248	15,145
1968.....	21,501	1,385	2,668	25,554	7,356	15,698
1969.....	22,431	1,411	2,405	26,247	7,613	16,393
1970.....	25,024	1,465	2,236	28,725	10,065	16,180

  

Year	Utilization (not adjusted for trade and change in stocks of shortening, margarine, soap, and secondaries)									
	Food uses						Nonfood uses			
	Butter (fat content)	Lard (direct)	Shortening	Margarine	Other	Total	Soap <sup>3</sup>	Drying-oil products	Other industrial	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961.....	1,112	1,398	2,459	1,386	2,260	8,614	855	855	2,598	4,308
1962.....	1,131	1,320	2,090	1,394	2,534	9,075	796	876	3,147	4,819
1963.....	1,083	1,194	2,611	1,451	2,470	8,809	797	860	3,196	4,843
1964.....	1,098	1,197	2,693	1,500	2,855	9,343	803	903	3,366	5,072
1965.....	1,040	1,226	2,768	1,535	2,955	9,524	746	906	3,317	4,972
1966.....	911	1,072	3,191	1,710	2,950	9,832	731	926	3,749	5,406
1967.....	881	1,056	3,243	1,704	3,428	10,312	714	855	3,580	5,149
1968.....	958	1,108	3,326	1,720	3,481	10,592	703	869	3,866	5,438
1969.....	908	1,012	3,505	1,744	3,620	10,789	789	775	3,692	5,256
1970.....	888	935	3,599	1,794	3,945	11,161	759	627	4,289	5,675

<sup>1</sup> Includes oil equivalent of cottonseed, soybeans, peanuts, and flaxseed exported for crushing abroad.<sup>2</sup> Includes commercial exports, voluntary or civilian relief, re-exports, and shipments to U.S. Territories.<sup>3</sup> Excludes an estimate of oil equivalent of soap used in synthetic rubber. This use is included in "Other industrial."Economic Research Service. Computed from reports of the Commerce, Interior, and Agriculture Departments. Totals computed from unrounded numbers. Data for 1944-60 in *Agricultural Statistics, 1967*, table 212.



Table 210.—Fats, oils, and oilseeds (fat or oil equivalent): World production and exports, 1967-70

Commodity	World production <sup>1</sup>				World exports <sup>2</sup>		
	1967	1968	1969	1970 <sup>3</sup>	1967	1968	1969 <sup>3</sup>
	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons	1,000 metric tons
<b>Edible vegetable oils: <sup>4</sup></b>							
Cottonseed.....	2,245	2,170	2,500	2,410	163	184	268
Peanut.....	3,230	3,330	3,000	3,115	1,123	1,150	895
Soybean.....	5,110	5,330	5,955	6,050	1,954	2,026	2,097
Sunflower.....	3,480	3,680	3,750	3,845	1,127	1,199	1,080
Rapeseed.....	1,680	1,800	1,575	1,895	390	394	366
Sesame.....	545	595	565	575	88	92	101
Safflower.....	255	265	175	220	55	36	25
Olive <sup>5</sup> .....	1,205	1,335	1,385	1,255	* 70	* 82	* 79
Corn.....	255	245	255	265	8	15	16
<b>Total.....</b>	<b>18,005</b>	<b>18,840</b>	<b>19,250</b>	<b>19,670</b>	<b>4,998</b>	<b>5,178</b>	<b>4,927</b>
<b>Palm oils: <sup>7</sup></b>							
Coconut.....	2,145	2,100	1,955	2,005	1,205	1,252	1,066
Palm kernel.....	360	365	390	445	285	316	322
Palm.....	1,165	1,335	1,470	1,710	495	668	700
Babassu kernel <sup>8</sup> .....	52	65	86	82	5	9	5
<b>Total.....</b>	<b>3,722</b>	<b>3,865</b>	<b>3,901</b>	<b>4,242</b>	<b>1,990</b>	<b>2,245</b>	<b>2,093</b>
<b>Industrial oils:</b>							
Linseed <sup>9</sup> .....	920	780	920	1,120	437	356	412
Castor <sup>9</sup> .....	360	355	385	315	172	228	257
Oilcloa.....	2	29	1	13	5	11	12
Tung.....	150	126	131	117	54	38	49
<b>Total.....</b>	<b>1,432</b>	<b>1,290</b>	<b>1,437</b>	<b>1,565</b>	<b>668</b>	<b>633</b>	<b>730</b>
<b>Animal fats:</b>							
Butter (fat content).....	4,385	4,700	4,645	4,580	526	481	481
Lard <sup>10</sup> .....	4,015	3,975	3,880	3,910	358	418	412
Tallow and grease <sup>11</sup> .....	4,190	4,235	4,245	4,265	1,440	1,423	1,301
<b>Total.....</b>	<b>12,590</b>	<b>12,910</b>	<b>12,770</b>	<b>12,755</b>	<b>2,324</b>	<b>2,322</b>	<b>2,194</b>
<b>Marine oils:</b>							
Whale.....	103	92	79	80	49	38	27
Sperm whale.....	150	122	131	132	88	89	95
Fish (including liver).....	1,082	1,168	922	1,041	* 653	* 722	* 614
<b>Total.....</b>	<b>1,335</b>	<b>1,382</b>	<b>1,132</b>	<b>1,253</b>	<b>790</b>	<b>849</b>	<b>736</b>
<b>Total all commodities.....</b>	<b>37,084</b>	<b>38,287</b>	<b>38,490</b>	<b>39,485</b>	<b>10,770</b>	<b>11,227</b>	<b>10,680</b>

<sup>1</sup> Years indicated are those in which the predominant share of the given oil or fat was produced from its related raw material.

<sup>2</sup> Preliminary.

<sup>3</sup> Exports from producing countries.

<sup>4</sup> Production series revised for all commodities except olive and corn oils.

<sup>5</sup> Excludes sulfur oil.

<sup>6</sup> Net exports.

<sup>7</sup> Production estimated on the basis of exports and information available on consumption in the various producing areas.

<sup>8</sup> Mill production only.

<sup>9</sup> Production series revised.

<sup>10</sup> Production relates to rendered lard only in most countries.

<sup>11</sup> Export series revised; figures include edible and inedible tallow and greases but exclude animal oils.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

FATS, OILS, OILSEEDS, AND OILSEED CAKE AND MEAL 145

Table 211.—Fats, oils, oilseeds, and oilseed cake and meal: Exports of selected items, United States, 1960-69

Year beginning July	Lard	Inedible animal tallow, greases, and oils <sup>1</sup>	Tallow, edible	Oilseeds and nuts				
				Cottonseed	Flaxseed	Peanuts unshelled	Peanuts shelled	Soybeans
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1960.....	490,059	1,650,862	5,946	11,118	389,917	375	54,340	8,590,249
1961.....	432,879	1,820,539	5,624	11,868	84,089	380	25,944	8,848,395
1962.....	444,276	1,650,708	4,716	22,414	242,758	1,860	25,988	10,260,086
1963.....	668,412	2,179,239	3,686	14,928	200,237	1,013	64,788	11,254,106
1964.....	442,514	2,283,010	4,952	13,792	365,358	8,773	117,354	12,519,947
1965.....	182,505	1,985,906	3,362	18,040	295,104	5,866	177,820	15,395,030
1966.....	168,940	2,149,506	6,122	10,424	418,026	852	157,889	15,107,063
1967.....	189,401	2,186,123	4,757	6,528	282,456	390	144,936	15,914,237
1968.....	208,939	2,113,337	9,705	7,862	545,196	721	79,684	17,442,706
1969 <sup>2</sup> .....	302,483	2,028,579	6,288	37,521	320,919	1,515	99,801	24,289,133

  

Year beginning July	Vegetable oils							Oilseed cake and meal	
	Cocoa butter	Coconut oil	Cottonseed oil <sup>3</sup>	Linseed oil	Margarine	Peanut oil	Soybean oil <sup>4</sup>	Soybean	Other
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Tons	Tons
1960.....	356	4,467	404,462	23,640	3,595	10,332	856,879	565,063	104,506
1961.....	111	2,114	426,492	1,684	3,024	11,016	1,026,345	956,134	28,163
1962.....	230	986	406,823	8,770	2,904	2,014	1,292,642	1,391,469	159,566
1963.....	112	5,576	475,351	14,382	2,968	41,150	1,032,454	1,320,040	85,389
1964.....	68	2,332	684,425	19,949	2,967	94,539	1,386,960	2,124,110	234,216
1965.....	300	4,502	389,210	83,702	3,509	21,732	1,009,898	2,524,447	283,741
1966.....	364	4,530	76,212	120,858	3,973	3,469	1,051,727	2,504,689	149,296
1967.....	249	5,212	50,652	52,171	8,042	6,172	1,016,808	2,856,790	154,489
1968.....	526	4,770	113,701	76,906	3,754	11,206	892,027	2,990,221	169,797
1969 <sup>5</sup> .....	1,544	6,153	441,953	43,006	4,649	47,643	1,164,862	3,753,614	135,451

<sup>1</sup> Includes inedible tallow, inedible animal oils not elsewhere classified, and inedible animal greases and fats not elsewhere classified through 1964. Beginning 1965, data include tallow and grease (except wool grease), choice white grease, lard and tallow oil, lard, oleo, inedible tallow stearine, and animal fats and oils, n.e.c. (including wool grease and degreas).

<sup>2</sup> Preliminary.

<sup>3</sup> Includes the following estimated quantities exported under Title III, P.L. 480 (Foreign Donations) (thousand pounds): 12,232 in 1960, 69,932 in 1961, 39,207 in 1962, 1,438 in 1963, and 107,705 in 1964. Beginning January 1965, donations included as reported by the Census Bureau.

<sup>4</sup> Includes the following estimated quantities exported under Title III, P.L. 480 (Foreign Donations) (thousand pounds): 18,128 in 1960, 152,781 in 1961, 92,466 in 1962, 18,004 in 1963, and 74,379 in 1964. Beginning January 1965, donations included as reported by the Census Bureau.

<sup>5</sup> Includes an estimated 10,192 thousand pounds exported under Title III, P.L. 480 (Foreign Donations).

Foreign Agricultural Service. Compiled from reports of the Commerce and Agriculture Departments. Data for 1949-59 in *Agricultural Statistics, 1967*, table 214.

Table 212.—Oilseeds, oils, and oilseed cake and meal: Imports of selected items, United States, 1960-69

Year beginning July	Oilseeds					
	Castor beans	Copra	Flaxseed	Peanuts unshelled	Peanuts shelled <sup>1</sup>	Poppyseed
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1960.....	457	791,850	0	9	112	7,288
1961.....	15,515	714,805	3	528	1,475	7,414
1962.....	11,005	631,830	71	1,458	782	2,703
1963.....	2,814	517,874	24	1,801	356	6,810
1964.....	9	624,234	70	1,485	670	8,081
1965.....	2,940	380,323	0	751	617	6,573
1966.....	70	546,194	40	1,512	591	6,737
1967.....	21	669,772	146	1,708	552	7,139
1968 <sup>2</sup> .....	8	590,735	19	871	764	7,449
1969 <sup>2</sup> .....	13	465,232	37	201	342	5,575

  

Year beginning July	Oilseeds—Continued			Vegetable oils			
	Rapeseed	Sesame seed	Soybeans	Cocoa butter	Castor oil	Coconut oil	Linseed oil
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1960.....	1,494	23,758	260	13,946	106,071	137,403	3
1961.....	702	18,036	30	20,141	119,104	204,333	42
1962.....	3,282	24,067	25	22,449	97,935	373,031	6
1963.....	513	23,935	33	12,697	86,997	415,017	17
1964.....	1,097	23,746	16	17,133	126,721	443,922	18
1965.....	1,074	28,292	28	18,385	123,576	446,694	40
1966.....	438	31,482	24	22,297	93,967	501,809	39
1967.....	1,756	34,899	46	19,645	87,691	430,443	15
1968 <sup>2</sup> .....	1,677	35,605	12	15,899	140,232	444,214	6
1969 <sup>2</sup> .....	1,043	45,044	56	28,384	147,057	511,749	2

  

Year beginning July	Vegetable oils—Continued						Total oilseed cake and meal
	Olive oil	Palm oil	Palm kernel oil	Peanut oil	Rapeseed oil	Tung oil	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1960.....	54,013	51,667	81,436	1	3,474	22,502	107,320
1961.....	55,825	56,621	88,862	4,882	3,657	25,198	200,149
1962.....	44,115	28,800	85,542	728	5,025	14,980	109,786
1963.....	54,351	7,105	74,970	0	4,400	26,038	110,374
1964.....	55,792	6,077	90,401	1	3,876	30,397	57,432
1965.....	45,558	25,923	101,935	2	6,291	24,612	108,685
1966.....	56,708	95,235	106,913	4	8,638	26,425	165,566
1967.....	57,947	54,497	107,254	7	7,761	18,405	103,845
1968 <sup>2</sup> .....	60,237	132,303	114,147	33	11,410	16,703	76,702
1969 <sup>2</sup> .....	60,515	151,782	86,141	45	6,614	19,576	23,026

<sup>1</sup> Includes blanched or roasted peanuts.<sup>2</sup> Preliminary.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1940-59 in *Agricultural Statistics, 1967*, table 215.

Table 213.—Inedible animal tallow, greases, and oils: <sup>1</sup> United States exports by country of destination, average 1961-65, annual 1969 and 1970

Continent and country	Average 1961-65	1969	1970 <sup>2</sup>	Continent and country	Average 1961-65	1969	1970 <sup>1</sup>
North America:	1,000 pounds	1,000 pounds	1,000 pounds	Europe—Continued	1,000 pounds	1,000 pounds	1,000 pounds
Canada.....	27,485	14,111	14,638	Hungary.....	2,357	0	0
Dominican Republic.....	7,560	17,935	16,429	Poland.....	82,401	11,545	54,058
El Salvador.....	13,002	24,114	25,914	Romania.....	1,215	0	0
Guatemala.....	16,750	11,345	28,839	Yugoslavia.....	23,998	0	0
Haiti.....	8,903	13,281	16,068	Other countries.....	2,779	1,428	10,196
Honduras.....	3,498	8,126	16,113	Total.....	847,402	446,613	684,835
Jamaica.....	4,909	8,297	10,171	U.S.S.R. (Europe and Asia).....	120,902	0	0
Mexico.....	2,758	43,790	75,514	Africa:			
Nicaragua.....	1,803	8,165	12,828	Algeria.....	8,243	26,246	24,634
Other countries.....	1,331	6,757	10,918	Ghana.....	11,564	47,345	23,118
Total.....	57,999	155,921	227,432	Ivory Coast.....	3,729	1,361	1,361
South America:				Morocco.....	21,746	23,515	34,671
Argentina.....	6,851	163	78	Nigeria.....	1,101	2,568	5,205
Bolivia.....	1,954	119	311	Senegal.....	591	6,846	9,637
Chile.....	1,092	45	12	United Arab Republic.....	93,987	105,593	135,021
Colombia.....	23,498	57,864	32,514	South Africa, Republic of.....	31,318	23,620	14,478
Ecuador.....	22,459	25,672	29,701	Togo.....	1,755	0	0
Peru.....	28,433	21,911	21,239	Other countries.....	4,590	11,745	6,486
Venezuela.....	16,344	12,856	13,626	Total.....	178,594	248,839	254,611
Other countries.....	43	486	5,972	Asia:			
Total.....	100,674	119,116	103,453	Iran.....	30,510	28,444	34,043
Europe:				Iraq.....	7,314	5,635	4,871
Belgium and Lux- embourg.....	21,773	12,323	42,504	China (Taiwan).....	41,846	43,734	50,178
France.....	18,196	5,523	17,246	India.....	18,635	193,678	189,575
Germany, West.....	91,239	45,770	47,155	Japan.....	389,725	457,345	446,047
Italy.....	182,464	50,584	86,834	Korea, Republic of.....	34,052	85,348	112,771
Netherlands.....	225,358	89,039	199,180	Pakistan.....	47,784	46,608	109,691
Total (European Economic Com- munity).....	539,030	203,239	392,919	Philippines.....	19,879	13,357	13,359
Greece.....	5,749	3,693	6,776	Turkey (Europe and Asia).....	31,603	51,152	10,019
Norway.....	3,493	3,294	5,154	Other countries.....	2,149	848	3,707
Portugal.....	9,304	17,335	18,366	Total.....	623,477	924,149	974,261
Spain.....	98,611	144,462	118,887	Oceania.....	309	87	88
Switzerland.....	35,010	10,539	12,467	Grand total.....	1,959,357	1,894,725	2,244,680
United Kingdom.....	41,560	51,083	66,012				
Czechoslovakia.....	1,895	0	0				

<sup>1</sup> Includes inedible tallow, inedible animal greases and fats, n.e.c., and inedible animal oils, n.e.c.; beginning 1965, includes inedible tallow (except wool grease), lard and tallow oil, and lard, oleo, and inedible tallow stearine, animal fats and oils (n.e.c.), and choice white grease. Beginning 1970, also includes unrendered animal fats.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 214.—Inedible tallow and grease: Supply and disposition, United States, and price per pound at Chicago, 1961-70

Year	Supply				Disposition				Price of inedible tallow, No. 1, at Chicago, per pound
	Stocks, Jan. 1	Apparent production <sup>1</sup>	Imports	Total	Exports	Factory consumption			
						Total	Use in soap	Other use	
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Cents
1961.....	305	3,645	1	3,951	1,805	1,737	721	1,016	5.4
1962.....	408	3,745	2	4,155	1,596	2,163	683	1,479	4.5
1963.....	397	4,058	3	4,458	1,874	2,206	684	1,522	4.7
1964.....	377	4,688	2	5,067	2,399	2,301	691	1,610	5.9
1965.....	366	4,383	2	4,751	2,127	2,210	651	1,559	7.2
1966.....	414	4,480	1	4,895	1,975	2,473	667	1,806	6.5
1967.....	447	4,753	6	5,206	2,222	2,559	643	1,916	4.6
1968.....	425	4,745	6	5,176	2,237	2,580	639	1,941	4.2
1969.....	359	4,655	6	5,020	1,896	2,775	639	2,140	6.0
1970.....	348	4,905	7	5,260	2,243	2,621	602	2,019	7.1

See footnotes on page 148.

Table 215.—Fats and oils: Use in products for civilian consumption, United States, 1961-70

Year	Food products											
	Butter (actual weight)		Lard excluding use in margarine, shortening, and nonfood products		Margarine (actual weight)		Shortening		Edible oils <sup>1</sup>		All food products <sup>2</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1961.....	1,335	7.4	1,393	7.7	1,708	9.4	2,311	12.8	2,022	11.2	8,173	45.1
1962.....	1,342	7.3	1,314	7.2	1,709	9.3	2,469	13.4	2,155	11.7	8,399	45.7
1963.....	1,281	6.9	1,190	6.4	1,785	9.6	2,525	13.5	2,450	13.1	8,639	46.3
1964.....	1,297	6.8	1,193	6.3	1,835	9.7	2,598	13.7	2,724	14.4	8,994	47.5
1965.....	1,232	6.4	1,225	6.4	1,891	9.9	2,695	14.0	2,711	14.1	9,147	47.7
1966.....	1,099	5.7	1,071	5.5	2,038	10.5	3,079	15.9	2,973	15.3	9,659	49.8
1967.....	1,076	5.5	1,055	5.4	2,046	10.5	3,108	15.9	2,956	15.1	9,632	49.2
1968.....	1,117	5.7	1,106	5.6	2,130	10.8	3,211	16.2	3,133	16.0	10,082	51.0
1969.....	1,083	5.4	1,011	5.1	2,154	10.8	3,398	17.0	3,336	16.7	10,339	51.8
1970 <sup>3</sup> .....	1,058	5.2	935	4.6	2,223	11.0	3,496	17.3	3,666	18.2	10,735	53.1

  

Year	Industrial products								All products		
	Soap <sup>4</sup>		Drying-oil products <sup>5</sup>		Other industrial products <sup>6</sup>		All industrial products		Weight		Per capita <sup>7</sup>
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita	Including actual weight of butter and margarine	Including only fat content of butter and margarine	
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1961.....	830	4.6	846	4.7	2,546	14.1	4,223	23.3	12,994	12,399	68.4
1962.....	774	4.2	867	4.7	3,073	16.7	4,714	25.6	13,706	13,117	71.4
1963.....	775	4.2	852	4.6	3,154	16.9	4,780	25.6	14,030	13,422	71.9
1964.....	773	4.1	888	4.7	3,313	17.5	4,972	26.3	14,574	13,969	73.8
1965.....	706	3.7	895	4.6	3,215	16.8	4,816	26.1	14,201	13,963	72.8
1966.....	719	3.7	908	4.7	3,703	19.1	5,329	27.5	15,253	14,988	77.3
1967.....	706	3.6	844	4.3	3,684	18.8	5,234	26.7	15,475	14,868	76.0
1968.....	689	3.5	850	4.3	3,705	18.8	5,245	26.5	15,962	15,327	77.6
1969.....	678	3.4	765	3.8	3,982	19.9	5,425	27.2	16,416	15,774	79.0
1970 <sup>8</sup> .....	679	3.4	820	3.1	3,974	19.7	5,272	26.1	16,651	16,008	79.2

<sup>1</sup> Mainly salad and cooking oils. Includes all food fats and oils used other than butter, lard, margarine, or shortening.

<sup>2</sup> Including only the fat content of butter, estimated at 80.5 percent of total weight, and of margarine for which the fat content varies slightly each year.

<sup>3</sup> Preliminary.

<sup>4</sup> Fat equivalent of soap used in synthetic rubber is included with "Other industrial products."

<sup>5</sup> Paints, varnishes, floor coverings, oilcloth, printing inks, core oils, synthetic resins, insulation, linings, packings, coated fabrics (other than oilcloth), caulking, and other protective coatings.

Economic Research Service. Computed from reports of the Commerce, Interior, and Agriculture Departments. Totals and per capita estimates computed from unrounded numbers. Data for 1944-60 in *Agricultural Statistics, 1967*, table 218.

## FOOTNOTES FOR TABLE 214

<sup>1</sup> Computed from factory consumption, foreign trade, and stocks; beginning October 1966, production as reported by the Census Bureau.

Economic Research Service. Computed from unrounded numbers. Stocks, consumption, and trade from the U.S. Department of Commerce. Prices from the National Provisioner and Wall Street Journal (Chicago edition). Data for 1944-60 in *Agricultural Statistics, 1967*, table 217.

Table 216.—Fats, oils, tall oil, and glycerin: Wholesale price per pound, 1967-70

Item and market	1967	1968	1969	1970
	Cents	Cents	Cents	Cents
Butter, creamery, Grade A, (92-score) bulk, New York	67.7	67.9	68.5	70.6
Butter, creamery, Grade B, (92 & 93-score) bulk, Chicago	66.8	66.8	67.4	69.4
Butter, creamery, Grade A, (92-score) prints, San Francisco	79.8	79.9	81.4	84.7
Castor oil, dehydrated, tanks, New York	27.3	31.4	29.0	28.0
Castor oil, No. 1 tanks, f.o.b. New Jersey mills	16.7			
Coconut oil, crude, tank cars, Pacific Coast mills	13.5	16.7	13.6	16.3
Coconut oil, refined, tanks, New York		17.3	15.6	18.4
Cod oil, spot, drums, New York	9.1	8.2	8.0	8.2
Codliver oil, medicinal, U.S.P., barrels, New York	19.5	19.5	19.5	20.7
Corn oil, refined, tanks, New York	15.4	18.5	17.2	19.7
Corn oil, crude, tank cars, f.o.b. midwestern mills	12.4	15.2	14.0	16.5
Cottonseed oil, crude, tank cars, f.o.b. southeastern mills	11.8	13.2	11.0	13.5
Cottonseed oil, crude, tank cars, f.o.b. Mississippi Valley	11.8	13.0	10.8	13.4
Cottonseed oil, crude, tank cars, Texas	11.7	12.7	10.7	13.2
Cottonseed oil, p.s.y., bleachable, tank cars, New York <sup>1</sup>	13.5	14.2	12.6	
Cottonseed oil, refined, tanks, New York	14.5	16.4	15.0	17.5
Degras, lanolin, technical, drums, New York	22.0	22.0	22.0	28.7
Glycerin, soaplye, tanks, New York <sup>1</sup>	16.1	16.3	16.2	
Grease, A white, tank cars, delivered Chicago	5.5	5.0	6.9	8.0
Grease, yellow, tank cars, delivered Chicago	4.6	4.2	6.0	7.3
Lard, loose, tank cars, Chicago	7.8	6.2	9.7	11.6
Lard, prime steam, tierces, Chicago	7.8	6.2	9.7	11.6
Lard, refined, 1-pound cartons, Chicago	13.6	12.2	15.4	16.8
Linseed oil, raw, tank cars, Minneapolis	12.9	12.7	12.0	11.0
Linseed oil, raw, tanks, New York	14.0	13.8	13.1	12.0
Margarine, colored, delivered Eastern United States	25.7	25.6	26.0	28.9
Margarine, yellow quarters, f.o.b. Chicago	25.8	23.9	17.2	22.2
Margarine, white, domestic vegetable, Chicago	22.8	21.2	15.6	19.5
Menhaden oil, light pressed, tanks, New York	10.7	9.6	9.5	10.3
Neat's-foot oil, 30°, drums, carlots, New York	27.0			
Oiticica oil, drums, f.o.b. New York	19.0	13.8	14.6	18.5
Oiticica oil, tanks, New York	17.0	10.4	12.6	16.5
Oleo oil, extra, drums, Chicago	19.8			
Olive oil, imported, edible, drums, New York	38.1	38.7	38.7	40.0
Palm oil, clarified, drums, f.o.b. New York	14.8	14.5	12.5	15.9
Peanut oil, crude, tank cars, f.o.b. southeastern mills	11.9	13.2	13.7	15.9
Peanut oil, refined, tanks, New York	14.4	15.9	16.6	18.9
Rapeseed oil, refined (denatured), tanks, New York	15.2	14.4	13.8	16.4
Safflower oil, nonbreak tanks, East Coast	14.6	14.7	15.6	16.3
Sesame oil, refined, drums, New York	39.2	36.0	35.0	38.2
Shortening, all vegetable, hydrogenated, 440-lb. drums, New York	20.7	20.8	21.9	23.3
Shortening, all vegetable, hydrogenated, 3-lb. tins, delivered Eastern United States	26.5	25.5	25.9	29.4
Soybean oil, crude, tank cars, f.o.b. midwestern mills	9.0	8.2	9.1	12.0
Soybean oil, refined, tanks, New York	11.8	10.2	11.0	13.8
Sperm oil, natural, 45°, drums, New York	14.5	14.5	15.5	21.7
Tall oil, crude, tanks, works	3.1	3.4	3.4	3.5
Tall oil, refined, tanks, works	7.5	7.5	7.5	8.2
Tallow, edible, loose, Chicago	7.5	6.3	9.3	11.2
Tallow, inedible, packers' prime, tank cars, c.a.f. Chicago	5.1	4.6	6.4	7.7
Tallow, No. 1, inedible, Chicago	4.6	4.2	6.0	7.1
Tung oil, imported, drums, carlots, f.o.b. New York	16.5	15.4	17.1	25.6
Tung oil, imported, tanks, New York	14.4	11.8	15.1	22.3

<sup>1</sup> Prices as originally quoted have been adjusted to include the 3-cent-per-pound tax on first domestic processing. Public Law 80-388 suspends the 3-cent tax imposed by section 4511 (as beginning Oct. 1, 1957).

<sup>2</sup> Nearby futures.

<sup>3</sup> Beginning January 1965, average of weekly prices, New York Journal of Commerce.

Economic Research Service. Compiled from Oil, Paint, and Drug Reporter; the National Provisioner; The Journal of Commerce (New York); Wall Street Journal (Chicago edition); and the U.S. Department of Labor. Excise taxes and duties are included where applicable.



Table 217.—Soap: Fats, oils, rosin, and tall oil used in manufacture, United States, 1961–70

Year	Inedible tallow and greases	Palm oil	Coconut oil	Palm kernel oil	Secondary fats and oils <sup>1</sup>	Tall oil	Total saponifi- able ma- terials
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961.....	721	.....	140	14	23	12	911
1962.....	683	1	141	5	19	10	859
1963.....	684	3	132	.....	14	8	861
1964.....	691	.....	158	.....	19	8	875
1965.....	651	.....	145	.....	16	9	820
1966.....	667	.....	150	.....	13	9	839
1967.....	643	.....	146	.....	17	8	813
1968.....	639	.....	154	.....	10	9	812
1969.....	635	.....	150	.....	8	4	796
1970 <sup>2</sup> .....	602	.....	164	.....	12	1	779

<sup>1</sup> Includes inedible animal stearine, grease (lard) oil, tallow oil, foets and other soap stock, red oil, and stearic acid and other fatty acids.

<sup>2</sup> Preliminary.

Economic Research Service. Fats, oils, and tall oil compiled from reports of the U.S. Department of Commerce. Totals computed from unrounded numbers. Data for 1944-60 in *Agricultural Statistics, 1967*, table 220.

Table 218.—Soap and synthetic detergents: Estimated sales, total and per capita, 1954–69<sup>1</sup>

Year	Estimated sales						Percentage of distribution	
	Total			Per capita				
	Soap (non- liquid) <sup>2</sup>	Synthetic detergent <sup>3</sup>	Total	Soap <sup>2</sup>	Synthetic detergent <sup>3</sup>	Total		
	Million pounds	Million pounds	Million pounds	Pounds	Pounds	Pounds	Percent	Percent
1954.....	1,692	2,468	4,160	10.4	15.1	25.5	41	59
1955.....	1,590	2,780	4,370	9.6	16.8	26.3	36	64
1956.....	1,540	3,230	4,770	9.1	19.1	28.2	32	68
1957.....	1,430	3,500	4,930	8.3	20.3	28.7	29	71
1958.....	1,370	3,550	4,920	7.8	20.3	28.1	28	72
1959.....	1,250	3,820	5,070	7.0	21.5	28.5	25	75
1960.....	1,230	3,940	5,170	6.8	21.8	28.6	24	76
1961.....	1,180	4,110	5,290	6.4	22.4	28.8	22	78
1962.....	1,210	4,420	5,630	6.5	23.7	30.2	22	78
1963.....	1,190	4,540	5,730	6.3	24.0	30.3	21	79
1964.....	1,140	4,730	5,870	5.9	24.6	30.5	19	81
1965.....	1,110	4,870	5,980	5.7	25.0	30.7	19	81
1966.....	1,100	5,000	6,100	5.6	25.4	31.0	18	82
1967.....	1,110	5,200	6,310	5.6	26.1	31.7	18	82
1968.....	1,110	5,350	6,460	5.5	26.6	32.1	17	83
1969 <sup>4</sup> .....	1,070	5,490	6,560	5.3	27.0	32.3	16	84

<sup>1</sup> Estimates of the Soap and Detergent Association. Data are on the built, finished-weight basis.

<sup>2</sup> Excludes scouring cleansers, liquid soaps, and reported exports where possible.

<sup>3</sup> Includes only those solid and liquid with end-uses and characteristics similar to soap, and excludes scouring cleansers and shampoos where possible. Liquids converted to pounds on the basis of 8 pounds per gallon.

<sup>4</sup> Preliminary.

Economic Research Service.

Table 219.—Fats and oils: Index numbers of wholesale prices, leading markets, United States, 1954-70

[1967 = 100]

Year	16 items, excluding butter	17 major fats and oils											
		All items	Classified by origin			Classified by use							
			Animal	Vegetable		Edible				Industrial			
				Domestic origin	Foreign origin	Butter	Lard	Other	All edible	Soap fats	Drying oils	Other uses	All industrial
1954	138.1	113.4	111.3	128.2	90.2	87.6	200.8	129.9	111.3	122.5	112.3	119.5	119.2
1955	119.3	102.9	101.3	115.3	79.6	85.0	135.9	117.5	99.4	122.1	99.3	114.4	114.5
1956	125.8	107.7	103.1	127.2	81.9	87.6	141.4	129.6	105.2	116.7	111.0	116.8	115.4
1957	129.6	110.1	108.1	121.6	90.7	88.5	158.0	124.6	106.1	126.5	116.0	124.0	123.5
1958	123.9	106.8	105.3	111.8	98.2	87.5	145.3	114.1	101.5	132.9	119.2	119.8	123.2
1959	106.2	98.8	97.2	98.5	111.1	88.8	101.5	100.2	94.3	119.8	104.2	114.9	114.5
1960	100.1	95.6	96.0	93.1	95.5	88.2	112.8	93.1	93.4	100.9	103.5	101.0	101.7
1961	113.9	103.9	101.0	116.5	87.3	89.3	122.8	114.5	101.7	106.8	118.2	104.9	109.7
1962	99.4	94.9	95.2	96.6	86.9	87.8	111.1	95.6	93.3	93.2	116.0	88.2	98.7
1963	98.3	94.0	94.4	92.3	92.5	87.2	106.1	92.2	91.2	99.0	110.0	92.8	102.1
1964	110.0	101.2	102.9	94.7	95.2	88.2	124.4	96.4	95.6	122.3	104.0	105.0	119.1
1965	129.5	112.7	112.5	111.5	109.0	90.5	149.3	113.4	105.5	142.9	109.4	122.8	136.8
1966	125.3	115.3	115.1	119.6	92.6	100.3	142.9	121.5	113.9	128.4	106.8	112.4	124.8
1967	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968	90.9	94.4	94.6	93.1	118.5	100.1	79.5	93.6	95.6	90.9	94.4	102.2	91.3
1969	104.2	103.1	110.4	92.6	102.5	101.0	123.6	94.9	101.2	111.0	91.3	101.1	108.0
1970	129.4	119.7	122.3	118.6	127.3	103.9	148.9	122.5	115.7	135.5	102.4	124.8	130.6

Economic Research Service.

## CHAPTER IV

# STATISTICS OF VEGETABLES AND MELONS

This chapter contains statistics on potatoes, sweetpotatoes, and commercial vegetables and melons.

For potatoes and sweetpotatoes, the estimates of acreage, production, value, and farm disposition pertain to the total crop and include quantities produced both for sale and for use as food, feed, and seed on farms where grown. Potato statistics are shown on a within-year seasonal grouping of winter, early spring, late spring, early summer, late summer, and fall crops, by States. Some States have production in more than one seasonal group.

For processing vegetables, the estimates of acreage, production, and value for each of the 10 crops relate to production used by commercial canners, freezers, and other processors, except dehydrators. These estimates include raw products grown by processors themselves and those grown under contract or purchased on the open market. This production and the actual or equivalent acreage harvested are not duplicated in the fresh market estimates for the same commodities. The production of those vegetables used for processing for which regular processing estimates are not made, is included in the fresh market estimates.

Beginning in 1968, commercial vegetables for fresh market include 22 principal vegetable and melon crops in the major producing States. Earlier years include the following 5 additional crops: lima beans, beets, kale, green peas, and shallots. These estimates relate to crops which are grown primarily for sale and they do not include vegetables and melons produced in farm and nonfarm gardens. The bulk of the production of the 22 principal vegetable and melon crops is for consumption in the fresh state. However, quantities used by processors of artichokes, broccoli, brussels sprouts, carrots, cauliflower, celery, garlic, onions, and green peppers are included, and separate estimates of commercial processing are not made for these crops. The commercial estimates of the principal crops include local market production from areas near consuming centers as well as production from well-recognized commercial areas which specialize in producing supplies for shipment to distant markets.

For fresh market vegetables and melons, value per unit and total value are on a f.o.b. basis, except garlic, for which values are reported annually on a field run basis at packing-house door. For processed vegetables prior to 1964, value per unit and total value refer to average price received by growers at receiving point; beginning in 1964, value per unit and total value are at processing plant door.

Annual estimates of national commercial production of all vegetables are presented in table 220. The estimates for fresh market vegetables include production for sale of principal fresh market crops in major producing States in the regular monthly reporting program, allowances for production of principal crops in minor producing States, greenhouse vegetable production, and production of all other vegetables in all States. These figures show that the regular program of releases of commercial fresh market vegetable estimates for principal crops in major producing States account for over four-fifths of the national commercial output of all fresh vegetables and melons. The total national commercial production of each of the principal vegetable and melon crops and aggregate production of minor vegetables is published by the Statistical Reporting Service, but production estimates by States, and comparable data on acreage and value, are not available.

The seasonal nature of the production of vegetables and melons for fresh market and their perishability created a need for information on supplies available during specific periods of the year to facilitate orderly marketing. Vegetable and melon estimates are classified according to the season or period within the season when the bulk of each crop is usually harvested. The forecasts and estimates of acreage and production therefore provide a measure of supplies available in specific seasonal periods. The seasonal groupings used are as follows:

## Seasonal Classifications Used for Vegetable and Melon Crops

Dates refer to period of most active harvest

### Classifications Most Commonly Used

Winter: January, February, March.  
Spring: April, May, June.  
Early Spring: April 1-May 15.  
Late Spring: May 16-June 30.  
Summer: July, August, September.

Early Summer: July 1-August 15.  
Late Summer: August 16-September 30.  
Fall: October, November, December.  
Early Fall: October 1-November 15.  
Late Fall: November 16-December 31.

### Classifications Used for Certain Short Season Crops

Early Spring: April.  
Mid-Spring: May.  
Late Spring: June.

Early Summer: July.  
Mid-Summer: August.  
Late Summer: September.

In practice, the beginning and ending of these seasons are not fixed dates but approximations. There is necessarily some overlapping in the marketing seasons for individual crops, and weather frequently disturbs normal harvesting schedules. Consequently, the classifications employed are less precise than the dates indicate.

Table 220.—Vegetables, commercial: Production of all vegetables, United States, 1954-70<sup>1</sup>

Year	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total	Year	For fresh market <sup>2</sup>	For processing <sup>3</sup>	Total
	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>		<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1954.....	11,857,700	5,901,000	17,758,700	1963.....	12,840,950	8,021,700	20,862,710
1955.....	12,069,900	6,178,400	18,248,300	1964.....	12,475,950	8,134,840	20,610,790
1956.....	12,481,250	8,376,320	20,857,570	1965.....	12,816,350	8,457,160	21,273,510
1957.....	11,964,100	6,808,540	18,772,640	1966.....	12,532,850	8,940,230	21,473,180
1958.....	12,445,300	7,496,310	19,941,610	1967.....	13,059,000	9,975,440	23,034,440
1959.....	12,150,850	6,935,740	19,086,590	1968.....	13,117,450	12,094,830	25,212,280
1960 <sup>4</sup> .....	13,057,400	7,373,080	20,430,480	1969.....	13,157,900	9,382,400	22,540,300
1961.....	12,716,450	8,170,310	20,886,760	1970 <sup>5</sup> .....	13,210,500	9,317,300	22,527,700
1962.....	12,580,600	9,356,700	21,937,300				

<sup>1</sup> Includes Hawaii.

<sup>2</sup> Commercial production, including greenhouse production, of all fresh market vegetables and melons in all States. Includes the production shown in table 221 for the crops for which regular seasonal estimates are prepared. Does not include production for home consumption in farm and nonfarm gardens. Production by States, and acreage and value data not available.

<sup>3</sup> Production in all States of the 10 principal vegetables for processing shown in table 223. Production of other vegetables processed included in fresh market series of estimates.

<sup>4</sup> Beginning 1960, includes Alaska.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics*, 1967, table 223.

## VEGETABLES AND MELONS, 1971

Table 221.—Vegetables, commercial: Acreage, production, and value of principal crops, United States, 1954-70

Year	Acreage <sup>1</sup>			Production <sup>4</sup>			Value <sup>5</sup>		
	For fresh market <sup>3</sup>	For processing <sup>2</sup>	Total	For fresh market <sup>3</sup>	For processing <sup>3</sup>	Total	For fresh market <sup>3</sup>	For processing <sup>3</sup>	Total
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1954.....	2,076,280	1,707,660	3,783,940	10,354,550	5,901,000	16,255,550	751,705	240,790	992,495
1955.....	2,026,760	1,694,280	3,721,040	10,472,850	6,178,400	16,651,250	808,649	251,447	1,060,096
1956.....	1,978,110	1,611,710	3,589,820	10,731,300	8,376,320	19,107,620	831,382	317,289	1,148,671
1957.....	1,945,300	1,740,540	3,685,840	10,142,850	6,808,540	16,951,390	865,278	271,622	1,136,900
1958.....	1,952,160	1,629,910	3,582,070	10,533,550	7,495,310	18,029,860	786,811	280,173	1,066,984
1959.....	1,861,800	1,572,040	3,433,840	10,321,600	6,935,740	17,257,340	824,648	259,404	1,084,052
1960 <sup>6</sup> .....	1,815,670	1,567,700	3,383,370	11,024,800	7,373,080	18,397,880	837,459	287,161	1,124,620
1961.....	1,739,985	1,718,160	3,458,145	10,682,600	8,170,310	18,852,910	873,941	336,175	1,210,116
1962.....	1,700,490	1,714,780	3,415,270	10,679,200	9,356,700	20,035,900	904,969	362,392	1,267,361
1963.....	1,073,035	1,604,820	2,677,855	10,998,180	8,021,760	19,019,910	912,838	320,724	1,233,562
1964.....	1,668,575	1,604,960	3,273,535	10,620,450	8,134,840	18,755,290	961,523	349,444	1,310,967
1965.....	1,646,415	1,644,730	3,291,145	10,991,050	8,457,160	19,448,210	1,017,892	405,944	1,423,836
1966.....	1,617,015	1,806,650	3,423,665	10,730,200	8,940,230	19,670,430	1,137,043	433,401	1,570,444
1967.....	1,634,770	1,939,570	3,574,340	11,127,300	9,975,440	21,102,740	1,151,232	530,446	1,681,678
1968.....	1,578,230	2,011,740	3,589,970	11,091,200	12,094,830	23,186,030	1,164,490	599,890	1,764,380
1969.....	1,630,000	1,716,950	3,346,950	11,065,300	9,382,400	20,447,700	1,248,160	451,323	1,699,483
1970 <sup>7</sup> .....	1,599,640	1,611,910	3,211,550	11,193,700	9,317,200	20,510,900	1,206,647	441,107	1,647,754

<sup>1</sup> Acreage for fresh market is acreage for harvest. Prior to 1967, includes acreage partially harvested or not harvested because of low prices or other economic factors. Acreage for processing is acreage harvested.

<sup>2</sup> Acreage, production, and farm value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons (through 1967, included lima beans, beets, kale, green peas, and shallots).

<sup>3</sup> Acreage, production, and farm value of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Production of other vegetables processed included in fresh market series of estimates.

<sup>4</sup> Production for fresh market prior to 1967 includes some quantities not marketed because of low prices or other economic factors which are excluded in computing value. Production since 1967 is the quantity sold.

<sup>5</sup> Value for all fresh market vegetables, except garlic, on f.o.b. basis. For processed vegetables, beginning 1964, value at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>6</sup> Beginning 1960, includes Alaska and Hawaii; Alaska discontinued in 1968.

<sup>7</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 224.

Table 222.—Vegetables, commercial: Acreage of principal crops, by States, 1968-70<sup>1</sup>

State and division	For fresh market <sup>2</sup>			For processing <sup>4</sup>			Total		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
<b>Maine</b> .....				13,160	9,500	9,440	13,160	9,500	9,440
<b>New Hampshire</b> .....	1,300	1,400	1,400	60	70	10	1,360	1,470	1,410
<b>Massachusetts</b> .....	14,150	13,630	13,780	990	1,100	940	15,140	14,730	14,720
<b>Connecticut</b> .....	8,870	8,820	8,750				8,870	8,820	8,750
<b>New York</b> .....	68,850	64,050	63,590	93,090	83,290	90,490	161,940	147,340	144,080
<b>New Jersey</b> .....	56,850	54,860	52,260	64,670	52,920	49,310	121,520	107,780	101,570
<b>Pennsylvania</b> .....	18,920	19,480	18,120	40,880	28,770	26,520	59,800	48,250	44,640
<b>North Atlantic</b> .....	168,940	162,240	157,900	212,850	175,650	166,710	381,790	337,890	324,610
<b>Ohio</b> .....	25,900	24,350	24,090	39,220	36,040	35,440	65,120	60,390	60,530
<b>Indiana</b> .....	11,420	12,200	12,220	36,680	31,010	29,070	48,100	43,210	41,290
<b>Illinois</b> .....	10,800	10,000	9,750	125,780	108,700	103,700	136,580	118,700	113,450
<b>Michigan</b> .....	43,250	45,850	46,350	57,920	56,110	54,150	101,170	101,960	100,500
<b>Wisconsin</b> .....	8,200	7,800	8,100	337,610	311,870	308,380	345,810	319,670	316,480
<b>Minnesota</b> .....	2,520	2,350	2,500	197,850	183,280	178,610	200,400	185,630	181,110
<b>Iowa</b> .....	100	90	80	10,510	8,510	8,940	10,610	8,600	9,020
<b>Missouri</b> .....	11,400	12,000	14,200	1,360	660	770	12,760	12,660	14,970
<b>North Dakota</b> .....				40	40	40	40	40	40
<b>South Dakota</b> .....				1,700	940	690	1,700	940	690
<b>Nebraska</b> .....				600	420	410	600	420	410
<b>Kansas</b> .....				250	130	100	250	130	100
<b>North Central</b> .....	113,620	114,640	117,290	806,500	737,740	721,300	923,120	852,380	838,590
<b>Delaware</b> .....	1,100	3,100	1,700	49,450	35,900	36,400	50,550	39,000	38,300
<b>Maryland</b> .....	12,000	12,550	11,550	68,210	54,940	47,150	80,210	67,490	59,400
<b>Virginia</b> .....	21,430	22,270	21,790	16,370	14,080	13,140	38,000	36,350	35,130
<b>West Virginia</b> .....				180	30	40	160	30	40
<b>North Carolina</b> .....	43,700	43,950	45,450	36,750	29,930	30,150	80,450	73,880	76,000
<b>South Carolina</b> .....	30,200	48,300	44,700	4,950	4,420	10,580	55,150	52,720	55,280
<b>Georgia</b> .....	55,900	53,000	47,500	1,800	1,800	1,700	57,700	54,800	52,200
<b>Florida</b> .....	252,400	272,900	250,550	13,400	12,060	14,550	265,800	284,950	265,100
<b>South Atlantic</b> .....	436,730	456,060	423,240	191,290	153,160	158,210	628,020	609,220	581,450
<b>Kentucky</b> .....	800	700	600	6,500	4,350	4,380	7,300	5,050	4,780
<b>Tennessee</b> .....	4,200	4,220	3,920	16,490	15,080	14,180	20,690	20,000	18,870
<b>Alabama</b> .....	28,150	26,400	27,600	12,570	9,980	10,500	40,720	36,380	38,100
<b>Mississippi</b> .....	9,200	10,500	9,900	11,640	12,500	10,600	20,840	23,000	20,500
<b>Arkansas</b> .....	9,200	9,800	9,800	12,930	13,430	11,670	22,130	23,230	21,470
<b>Louisiana</b> .....	10,800	10,700	10,550	1,850	1,340	1,140	12,650	12,040	11,690
<b>Oklahoma</b> .....	11,000	11,500	12,500	5,900	5,560	6,400	16,900	17,060	18,900
<b>Texas</b> .....	198,500	225,200	225,800	30,800	23,700	19,600	229,300	244,900	245,400
<b>South Central</b> .....	271,850	299,120	300,670	98,680	85,540	79,040	370,530	384,660	379,710
<b>Montana</b> .....				1,500	1,500	890	1,500	1,500	890
<b>Idaho</b> .....	4,100	3,700	4,300	45,640	42,780	38,520	49,740	46,480	42,820
<b>Wyoming</b> .....				1,300	1,220	2,060	1,300	1,220	2,060
<b>Colorado</b> .....	21,840	20,270	19,450	8,540	6,660	6,390	30,380	26,930	25,840
<b>New Mexico</b> .....	15,100	13,300	10,000	1,120	900	750	16,220	14,200	10,750
<b>Arizona</b> .....	73,150	79,250	74,710	300	430	370	73,450	79,680	75,080
<b>Utah</b> .....	750	900	1,000	10,520	7,980	8,300	11,270	8,880	9,300
<b>Washington</b> .....	11,880	11,420	12,250	172,640	150,930	113,810	184,530	162,350	126,060
<b>Oregon</b> .....	17,260	16,600	16,300	124,740	115,760	106,360	142,000	132,300	122,660
<b>California</b> .....	441,650	451,300	461,300	335,120	236,700	209,200	774,770	688,000	670,500
<b>Western</b> .....	585,730	596,740	599,310	699,420	564,860	486,650	1,285,150	1,161,000	1,085,960
<b>Total</b> .....	1,576,870	1,628,800	1,598,410	2,011,740	1,716,950	1,611,910	3,588,610	3,345,750	3,210,320
<b>Hawaii</b> .....	1,860	1,200	1,230				1,860	1,200	1,230
<b>United States</b> .....	1,578,230	1,630,000	1,599,640	2,011,740	1,716,950	1,611,910	3,589,970	3,346,950	3,211,550

<sup>1</sup> Acreage for fresh market is acreage for harvest. Acreage for processing is acreage harvested.<sup>2</sup> Acreage of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.<sup>3</sup> Preliminary.<sup>4</sup> Acreage of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Statistical Reporting Service.



Table 223.—Vegetables, commercial: Production of principal crops, by States, 1968-70

State and division	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Maine.....	1,017,400	956,300	1,042,750	1,142,700	864,800	953,450	2,160,100	1,821,100	1,996,200
New Hampshire.....	5,850	5,250	5,600	270	200	150	6,120	5,450	5,750
Massachusetts.....	67,600	64,500	65,950	9,940	9,650	10,150	77,540	74,150	76,100
Connecticut.....	43,600	41,300	40,350	-----	-----	-----	43,600	41,300	40,350
New York.....	544,850	498,850	591,400	464,920	369,450	382,850	1,009,870	868,300	974,250
New Jersey.....	278,400	267,050	258,850	401,620	283,100	341,100	680,020	550,150	602,950
Pennsylvania.....	77,000	79,150	80,600	244,500	190,150	202,550	321,500	269,800	283,150
North Atlantic.....	1,017,400	956,300	1,042,750	1,142,700	864,800	953,450	2,160,100	1,821,100	1,996,200
Ohio.....	142,000	120,000	129,550	684,670	503,250	631,550	826,670	623,250	761,100
Indiana.....	80,100	95,550	98,450	337,040	320,500	351,200	417,140	416,050	449,650
Illinois.....	54,900	49,950	47,250	454,780	387,400	351,550	509,680	437,350	360,800
Michigan.....	350,900	352,350	367,300	231,030	195,900	206,900	581,930	548,250	574,200
Wisconsin.....	125,030	113,200	125,450	1,022,940	845,100	877,000	1,147,960	958,300	1,002,450
Minnesota.....	35,400	35,700	36,100	702,300	624,450	600,350	737,700	660,150	636,450
Iowa.....	50	50	50	67,680	43,600	48,600	67,730	43,650	48,650
Missouri.....	52,950	60,200	62,650	3,210	1,550	1,450	56,160	61,750	64,100
North Dakota.....	-----	-----	-----	140	150	100	140	150	100
South Dakota.....	-----	-----	-----	6,420	4,000	2,300	6,420	4,000	2,300
Nebraska.....	-----	-----	-----	2,440	1,950	1,050	2,440	1,950	1,050
Kansas.....	-----	-----	-----	2,200	500	1,150	2,200	500	1,150
North Central.....	841,350	827,000	866,800	3,514,850	2,928,350	3,035,200	4,356,200	3,755,350	3,902,000
Delaware.....	11,000	12,450	17,850	75,120	64,200	79,850	86,120	76,650	97,700
Maryland.....	69,650	73,450	73,700	225,350	173,900	181,250	295,000	247,350	254,950
Virginia.....	80,350	73,100	73,450	93,110	67,000	59,200	173,460	140,100	132,650
West Virginia.....	-----	-----	-----	960	350	400	960	350	400
North Carolina.....	160,000	164,650	159,650	85,550	80,100	78,800	245,550	244,750	238,450
South Carolina.....	156,950	156,800	150,650	12,690	10,200	28,950	169,640	167,000	179,600
Georgia.....	229,100	195,800	185,150	4,900	4,600	12,050	234,000	200,400	197,200
Florida.....	1,590,000	1,597,500	1,409,400	64,000	52,350	52,450	1,654,000	1,649,850	1,461,850
South Atlantic.....	2,297,050	2,273,750	2,009,850	561,680	452,700	492,950	2,858,730	2,726,450	2,562,800
Kentucky.....	2,800	3,000	2,850	13,540	12,500	22,050	16,340	15,500	24,900
Tennessee.....	21,750	21,600	20,750	30,710	29,850	34,400	52,460	51,450	55,150
Alabama.....	96,850	92,200	94,350	24,750	17,600	19,800	121,600	109,800	114,150
Mississippi.....	36,300	36,000	38,700	27,700	27,600	33,300	64,000	63,600	72,000
Arkansas.....	40,800	41,000	42,950	36,390	28,650	27,900	77,190	69,650	70,850
Louisiana.....	38,400	36,050	36,700	4,590	3,000	2,750	42,990	39,050	39,450
Oklahoma.....	38,500	46,000	43,750	15,740	15,050	17,900	54,240	61,050	61,650
Texas.....	910,300	1,045,100	1,128,750	144,210	116,400	97,200	1,054,510	1,161,500	1,225,950
South Central.....	1,185,700	1,320,950	1,408,800	297,630	250,650	255,300	1,483,330	1,571,600	1,664,100
Montana.....	-----	-----	-----	2,400	2,300	1,200	2,400	2,300	1,200
Idaho.....	98,400	84,200	98,900	176,240	174,600	161,500	274,640	258,800	260,400
Wyoming.....	-----	-----	-----	5,400	4,600	4,700	5,400	4,600	4,700
Colorado.....	198,200	191,450	188,850	47,710	37,050	40,150	245,910	238,500	228,000
New Mexico.....	171,200	131,300	103,150	13,120	9,800	7,100	184,320	146,100	110,250
Arizona.....	617,550	671,150	633,850	1,500	2,200	2,200	619,050	681,350	636,050
Utah.....	10,900	13,500	15,000	61,450	55,100	45,900	72,350	68,600	60,900
Washington.....	130,400	125,100	131,200	525,900	463,450	304,500	656,300	588,550	435,700
Oregon.....	244,100	238,500	227,900	545,950	534,900	448,550	790,050	773,800	676,450
California.....	4,266,200	4,231,850	4,396,900	5,198,300	3,601,900	3,564,500	9,464,500	7,833,750	7,961,400
Western.....	5,736,950	5,705,450	5,792,750	6,577,970	4,885,900	4,580,300	12,314,920	10,591,350	10,373,050
Total.....	11,078,450	11,083,450	11,180,950	12,094,830	9,382,400	9,317,200	23,173,280	20,465,850	20,498,150
Hawaii.....	12,750	11,850	12,750	-----	-----	-----	12,750	11,850	12,750
United States.....	11,091,200	11,095,300	11,193,700	12,094,830	9,382,400	9,317,200	23,186,030	20,477,700	20,510,900

<sup>1</sup> Production of the following 9 crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap bean s, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumber s, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and water melons.

<sup>2</sup> Preliminary.

<sup>3</sup> Production of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumber s (pickle s), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series as estimates.

Statistical Reporting Service.

Table 224.—Vegetables, commercial: Value of principal crops, by States, 1968-70

State and division	For fresh market <sup>1</sup>			For processing <sup>2</sup>			Total		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....				1,969	1,174	1,474	1,969	1,174	1,474
New Hampshire.....	644	529	600	20	17	12	664	546	612
Massachusetts.....	9,520	9,266	9,376	644	583	682	10,164	9,849	10,058
Connecticut.....	6,636	6,602	6,222				6,636	6,602	6,222
New York.....	43,910	51,442	45,929	20,175	16,982	16,749	64,085	68,424	62,678
New Jersey.....	33,427	33,007	32,708	25,452	19,801	21,994	58,879	52,808	54,702
Pennsylvania.....	8,279	8,658	8,591	11,110	8,374	8,888	19,389	17,032	17,479
North Atlantic.....	102,416	109,504	103,426	50,370	46,931	49,799	161,786	156,435	153,225
Ohio.....	17,538	16,246	16,376	25,671	20,694	26,191	43,209	36,940	42,567
Indiana.....	5,665	8,037	7,195	13,635	12,775	14,484	19,300	20,812	21,679
Illinois.....	3,690	3,905	4,094	22,618	19,583	16,565	26,348	23,578	20,659
Michigan.....	29,185	41,490	34,562	18,776	17,648	18,058	47,971	59,138	53,220
Wisconsin.....	6,924	7,200	6,814	46,599	40,733	45,431	53,523	47,945	50,245
Minnesota.....	1,646	2,069	1,664	24,194	21,596	19,966	25,840	23,665	21,630
Iowa.....	19	20	21	2,040	1,243	1,313	2,059	1,263	1,334
Missouri.....	3,847	4,449	4,293	296	126	134	4,143	4,575	4,427
North Dakota.....				12	14	11	12	14	11
South Dakota.....				288	218	128	288	218	128
Nebraska.....				222	179	111	222	179	111
Kansas.....				84	37	41	84	37	41
North Central.....	68,764	83,506	75,019	154,435	134,848	141,033	223,199	218,354	216,052
Delaware.....	550	1,113	657	7,281	5,799	6,973	7,831	6,912	7,630
Maryland.....	6,083	6,295	5,724	12,638	9,304	9,524	18,721	15,599	15,248
Virginia.....	10,989	9,665	10,220	4,557	3,364	3,049	15,546	13,059	13,269
West Virginia.....				41	14	17	41	14	17
North Carolina.....	15,824	18,087	17,199	8,391	7,489	7,143	24,215	25,576	24,342
South Carolina.....	13,670	14,317	15,821	1,115	833	2,262	14,785	15,150	18,083
Georgia.....	11,397	9,990	11,165	441	415	1,030	11,838	10,405	12,195
Florida.....	232,774	226,849	196,820	3,050	2,449	2,819	235,824	229,298	199,639
South Atlantic.....	291,287	286,346	257,606	37,514	29,667	32,817	328,801	316,013	290,423
Kentucky.....	622	726	758	1,290	1,239	2,486	1,912	1,965	3,244
Tennessee.....	2,874	3,041	3,368	2,907	2,630	3,140	5,781	5,671	6,508
Alabama.....	8,459	8,089	8,472	2,412	1,138	1,703	10,871	9,227	10,175
Mississippi.....	1,063	1,103	1,257	2,266	2,419	3,180	3,329	3,522	4,437
Arkansas.....	5,086	4,641	6,818	2,694	2,095	2,159	7,780	6,736	8,977
Louisiana.....	4,547	4,406	5,163	341	218	212	4,888	4,624	5,375
Oklahoma.....	1,001	1,941	1,689	997	908	1,048	1,998	2,849	2,737
Texas.....	89,523	95,272	110,923	7,662	5,549	4,998	97,185	100,821	115,921
South Central.....	113,125	119,219	138,448	20,569	16,196	18,926	133,694	135,415	157,374
Montana.....				262	251	119	262	251	119
Idaho.....	3,860	7,163	4,964	6,892	6,315	5,936	10,742	13,478	10,980
Wyoming.....				151	126	198	151	126	198
Colorado.....	14,868	15,850	14,997	3,165	2,318	2,538	18,033	18,168	17,535
New Mexico.....	13,912	13,944	9,117	460	339	245	14,378	14,283	9,362
Arizona.....	67,851	89,209	65,633	108	158	108	67,959	89,367	65,831
Utah.....	414	1,111	600	2,637	2,203	1,941	3,051	3,314	2,581
Washington.....	9,577	10,695	10,766	35,371	32,750	25,212	44,948	43,445	35,978
Oregon.....	11,910	18,647	13,710	32,154	32,024	26,894	44,064	50,671	40,574
California.....	463,536	490,223	509,640	246,796	147,197	135,111	710,332	637,420	644,831
Western.....	585,918	646,842	629,427	328,002	223,681	198,532	913,920	870,523	827,959
Total.....	1,161,510	1,245,417	1,203,926	599,890	451,323	441,107	1,761,400	1,696,740	1,645,033
Hawaii.....	2,980	2,743	2,721				2,980	2,743	2,721
United States.....	1,164,490	1,248,160	1,206,647	599,890	451,323	441,107	1,764,380	1,699,483	1,647,754

<sup>1</sup> Value of the following crops for which regular seasonal estimates are prepared in major producing States: Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloupes, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons.

<sup>2</sup> Preliminary.

<sup>3</sup> Value of the following 10 crops in all States: Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers (pickles), green peas, spinach, and tomatoes. Other vegetables processed included in fresh market series of estimates.

Statistical Reporting Service.

Table 225.—Artichokes, globe, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-70<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	9,000	40	360	7.60	2,736	1963.....	8,000	60	480	9.85	4,728
1955.....	8,900	40	356	8.50	3,026	1964.....	8,700	65	566	10.08	5,704
1956.....	9,400	34	320	9.60	3,072	1965.....	9,200	70	644	8.95	5,761
1957.....	9,400	35	329	8.64	2,843	1966.....	8,900	75	668	8.76	5,833
1958.....	9,400	35	329	10.22	3,361	1967.....	9,600	76	730	8.87	6,472
1959.....	9,400	40	376	9.00	3,410	1968.....	9,600	60	576	10.00	5,772
1960.....	9,300	45	418	8.88	3,712	1969.....	10,100	65	657	10.60	6,946
1961.....	8,500	60	510	8.90	4,539	1970 <sup>3</sup> .....	11,000	61	671	10.30	6,920
1962.....	8,000	55	440	9.54	4,197						

<sup>1</sup> California only. Includes production for fresh market and processing.<sup>2</sup> F.o.b. basis.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 228.

Table 226.—Asparagus, commercial crop: Acreage, yield, production, value per hundredweight and per ton, and total value, United States, 1954-70

Year	Total crop					For fresh market			For processing		
	Acreage harvested	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production	Value <sup>2</sup>		Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total		Per cwt.	Total		Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	143,700	21	3,067	12.02	36,872	1,025	13.43	13,767	102,140	226.00	23,105
1955.....	151,340	24	3,594	12.80	46,806	1,007	14.86	14,967	129,280	246.00	31,839
1956.....	152,730	23	3,405	12.23	42,758	1,151	14.19	16,327	117,140	226.00	26,431
1957.....	155,700	23	3,623	10.68	38,678	1,333	12.94	17,251	114,470	187.00	21,427
1958.....	158,090	22	3,535	10.86	38,385	1,307	12.84	16,778	111,400	194.00	21,607
1959.....	161,150	23	3,627	11.22	40,682	1,243	13.66	16,974	119,220	198.86	23,708
1960.....	156,960	24	3,712	11.82	44,464	1,230	13.63	16,769	126,500	218.76	27,695
1961.....	147,650	25	3,692	12.99	47,948	1,098	15.15	16,634	129,700	241.43	31,314
1962.....	145,970	25	3,721	13.39	49,831	1,043	15.80	16,481	133,900	249.07	33,350
1963.....	145,170	26	3,756	14.01	52,639	1,037	16.33	16,936	135,950	262.62	35,703
1964.....	144,730	24	3,523	12.72	44,801	1,000	14.77	14,770	126,150	238.06	30,031
1965.....	133,230	26	3,411	14.95	49,213	1,027	16.27	16,713	119,200	287.10	32,500
1966.....	130,510	26	3,412	17.44	57,913	842	20.12	16,939	128,500	300.57	40,974
1967.....	129,100	24	3,041	17.80	54,150	822	21.10	17,324	110,950	332.00	36,826
1968.....	125,400	26	3,235	18.80	60,840	918	21.90	20,097	115,850	352.00	40,743
1969.....	123,830	24	2,918	19.70	57,475	850	23.50	19,969	103,400	362.00	37,476
1970 <sup>3</sup> .....	119,980	23	2,781	19.00	53,445	952	22.30	21,242	91,450	374.00	34,203

<sup>1</sup> Excludes 44,000 cwt. (2,200 tons) not marketed in 1969. Prior to 1967, included the following quantities not marketed which were excluded in computing value: 120,000 cwt. (6,000 tons) in 1965, and 91,000 cwt. (4,550 tons) in 1966.<sup>2</sup> Fresh market on f.o.b. basis. Beginning 1964, processing value at packing plant door; prior to 1964, average price received by growers at receiving point.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 229.

Table 227.—Asparagus, commercial crop: Acreage, production, and value per hundred-weight and per ton, by States, 1968-70

Season and State	Acreage <sup>1</sup>			Production			Value per unit		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring:									
California.....	46,700	44,700	42,900	1,404	1,296	1,330	19.20	20.40	20.10
Late spring:									
Massachusetts.....	950	900	900	21	18	21	24.20	22.60	24.30
New Jersey.....	24,300	22,700	19,800	583	547	337	19.50	19.40	22.10
Illinois.....	8,800	9,000	9,600	158	144	163	15.80	17.60	16.10
Michigan.....	13,200	13,900	14,800	172	209	192	20.60	21.00	21.00
Maryland.....	3,400	3,900	3,800	68	62	61	18.90	19.00	18.40
Washington.....	17,100	17,400	17,900	530	505	519	17.30	18.00	18.90
Oregon.....	1,300	1,300	1,200	31	30	25	15.90	16.70	17.40
Other States <sup>3</sup> .....	9,650	10,030	9,080	178	177	133	18.90	20.90	20.30
Total or average....	78,700	79,130	77,080	1,741	1,622	1,451	18.50	19.10	19.80
United States.....	125,400	123,830	119,980	3,235	2,918	2,781	18.80	19.70	19.90

Season and State	For fresh market						For processing					
	Production			Value per unit			Production			Value per unit		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Spring:												
California.....	598	536	679	21.50	23.90	21.60	44,800	38,000	32,550	352.00	358.00	372.00
Late spring:												
Massachusetts.....	21	18	21	24.20	22.60	24.30	—	—	—	—	—	—
New Jersey.....	170	148	118	22.70	22.20	22.70	20,650	16,450	10,950	363.00	364.00	437.00
Illinois.....	8	11	10	25.30	26.40	28.90	7,500	6,650	7,650	306.00	337.00	305.00
Michigan.....	12	15	14	20.50	21.00	24.80	8,000	9,700	8,900	412.00	420.00	414.00
Maryland.....	2	1	2	21.20	21.40	24.00	3,300	3,050	2,950	376.00	379.00	364.00
Washington.....	86	71	88	21.70	22.50	24.00	22,200	21,700	21,550	329.00	345.00	396.00
Oregon.....	—	—	—	—	—	—	1,550	1,500	1,250	318.00	333.00	348.00
Other States <sup>3</sup> .....	21	50	20	24.60	25.40	29.60	7,850	6,350	6,650	363.00	382.00	373.00
Total or average....	320	314	273	22.60	22.90	24.10	71,050	65,400	58,900	351.00	365.00	375.00
United States.....	918	850	952	21.90	23.50	22.30	115,850	103,400	91,450	352.00	362.00	374.00

<sup>1</sup> Fresh market and processing asparagus is frequently harvested from the same acreage; therefore it is not practical to make individual acreage estimates for these segments.

<sup>2</sup> Preliminary.

<sup>3</sup> Excludes the following quantity not harvested or not marketed because of economic conditions (1,000 hundredweight): 1969—late spring, New Jersey, 44.

<sup>4</sup> Mostly for processing; includes Pennsylvania, Ohio, Indiana, Minnesota, Iowa, Delaware, Virginia, and Arkansas.

<sup>5</sup> Fresh market includes Pennsylvania, Ohio, Iowa, and Delaware. Processing includes Indiana, Minnesota, Iowa, Delaware, Virginia, and Arkansas.

Statistical Reporting Service.

**Table 228.—Beans, green lima (for processing) commercial crop: Acreage, production, and value per ton, by States, 1968-70**

State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons <sup>2</sup></i>	<i>Tons <sup>2</sup></i>	<i>Tons <sup>2</sup></i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Wisconsin.....	8,300	8,300	6,600	8,700	8,400	6,400	162.00	156.00	160.00
Delaware.....	21,800	13,400	15,300	11,750	11,100	11,300	171.00	144.00	173.00
Maryland.....	3,900	3,300	1,800	2,400	2,800	1,400	174.00	147.00	139.00
Washington.....	6,500	6,800	3,300	6,550	10,450	4,700	173.00	165.00	162.00
California.....	33,400	25,500	19,900	58,450	40,050	30,850	223.00	211.00	214.00
Other States <sup>3</sup> .....	30,810	25,890	22,730	27,450	25,900	22,750	159.00	161.00	161.00
United States.....	104,710	83,180	69,630	115,300	98,700	77,400	194.00	179.00	183.00

<sup>1</sup> Preliminary.<sup>2</sup> Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.<sup>3</sup> New York, New Jersey, Pennsylvania, Ohio, Illinois, Michigan, Minnesota, Missouri, Virginia, Tennessee, Alabama, Arkansas, Oklahoma, Idaho, Utah, and Oregon.

Statistical Reporting Service.

**Table 229.—Beans, green lima, commercial crop: Acreage, yield, production, value per hundredweight and per ton, and total value, United States, 1954-70**

Year	For fresh market <sup>1</sup>					For processing				
	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Acreage harvested	Yield per acre	Production	Value <sup>4</sup>	
				Per cwt.	Total				Per ton	Total
<i>Acres</i>	<i>Cwt. <sup>5</sup></i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Pounds <sup>6</sup></i>	<i>Tons <sup>6</sup></i>	<i>Dollars</i>	<i>1,000 dollars</i>	
1954.....	16,520	24	398	8.60	3,423	113,420	1,838	104,250	149.50	15,584
1955.....	15,850	24	375	7.13	2,611	101,180	1,751	88,600	142.70	12,642
1956.....	14,580	24	356	8.73	3,090	100,440	2,151	108,010	150.10	16,217
1957.....	13,300	25	333	8.98	2,963	90,650	2,044	92,650	141.80	13,137
1958.....	13,300	26	345	8.32	2,844	81,680	2,175	88,810	140.90	12,510
1959.....	16,800	22	374	9.72	3,636	78,510	2,105	82,640	133.33	11,018
1960.....	17,150	25	437	8.08	3,530	91,810	2,247	103,150	143.42	14,794
1961.....	16,500	24	399	8.73	3,485	100,070	2,313	115,710	144.91	16,768
1962.....	15,600	25	387	9.07	3,510	92,030	2,356	108,430	151.06	16,379
1963.....	14,900	25	374	8.70	3,238	71,650	2,368	84,850	148.36	12,588
1964.....	13,250	25	333	9.96	3,306	75,910	2,076	78,810	181.58	14,310
1965.....	11,900	25	303	10.35	3,137	83,970	2,297	96,450	176.75	17,048
1966.....	11,200	25	279	11.70	3,263	96,950	2,155	104,450	174.23	18,198
1967.....	10,900	26	288	11.70	3,373	97,310	2,380	115,680	178.00	20,543
1968.....	10,500	25	259	11.90	3,076	104,710	2,200	115,300	194.00	22,360
1969.....	.....	.....	.....	.....	.....	83,180	2,380	98,700	179.00	17,659
1970 <sup>7</sup> .....	.....	.....	.....	.....	.....	69,630	2,220	77,400	183.00	14,198

<sup>1</sup> Estimates discontinued in 1969.<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundredweight): 9 in 1955, 2 in 1956, 3 in 1957, 3 in 1958, 2 in 1963, and 1 in 1964.<sup>3</sup> F.o.b. basis.<sup>4</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.<sup>5</sup> In the shell.<sup>6</sup> Shelled basis; 2 pounds of lima beans in the shell produce approximately 1 pound of shelled beans.<sup>7</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 232.

Table 230.—Beans, snap, commercial crop: Acreage, yield, production, value per hundred-weight and per ton, and total value, United States, 1954-70

Year	For fresh market					For processing				
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Acreage harvested	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars	Acres	Tons	Tons	Dollars	1,000 dollars
1954.....	152,800	34	5,262	8.18	42,888	153,900	2.2	346,430	119.50	41,396
1955.....	151,700	36	5,527	7.93	42,159	134,490	2.3	305,690	111.10	38,976
1956.....	133,380	35	4,644	9.17	41,913	137,810	2.5	338,630	119.00	40,282
1957.....	126,370	37	4,731	9.21	43,177	153,380	2.4	361,310	117.00	42,260
1958.....	123,700	36	4,410	8.05	34,298	153,360	2.4	365,000	110.50	40,327
1959.....	119,300	36	4,258	9.26	39,040	162,270	2.3	365,960	106.55	38,982
1960 <sup>4</sup> .....	121,030	37	4,494	8.74	38,951	173,680	2.3	406,970	108.31	44,080
1961.....	117,870	38	4,484	8.84	38,875	189,260	2.5	478,550	104.95	50,224
1962.....	111,110	37	4,118	9.52	38,867	182,610	2.5	450,790	101.81	45,895
1963.....	106,730	38	4,106	9.67	39,272	194,040	2.4	474,430	98.68	47,291
1964.....	102,440	39	4,005	10.07	38,881	216,930	2.2	469,880	101.73	47,800
1965.....	96,930	40	3,884	10.74	40,094	230,660	2.3	540,680	96.63	52,244
1966.....	97,660	37	3,633	11.97	43,464	245,480	2.1	521,920	100.82	52,618
1967.....	98,190	39	3,797	11.50	43,724	274,010	2.3	636,790	102.00	64,726
1968.....	91,500	38	3,434	12.50	42,936	267,110	2.35	626,700	99.80	62,563
1969.....	89,700	37	3,328	12.90	43,030	238,290	2.39	568,450	99.50	56,565
1970 <sup>5</sup> .....	86,290	36	3,107	13.00	40,505	228,270	2.50	569,650	95.40	54,363

<sup>1</sup> Excludes 38,000 cwt. not marketed in 1968. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 18 in 1954, 208 in 1955, 73 in 1956, 43 in 1957, 150 in 1958, 44 in 1959, 35 in 1960, 85 in 1961, 35 in 1962, 45 in 1963, 143 in 1964, 152 in 1965, and 3 in 1966.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>4</sup> Includes Hawaii from 1960 through 1967.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 233.

Table 231.—Beans, snap, commercial crop: Acreage, production, and value per hundred-weight and per ton, by States, 1968-70

Utilization, season, and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
<b>FOR FRESH MARKET</b>									
Winter: Florida.....	<i>Acres</i> 14,900	<i>Acres</i> 15,300	<i>Acres</i> 13,000	<i>1,000 cwt.</i> 492	<i>1,000 cwt.</i> 566	<i>1,000 cwt.</i> 286	<i>Dollars per cwt.</i> 15.20	<i>Dollars per cwt.</i> 13.10	<i>Dollars per cwt.</i> 19.60
Early spring: Florida.....	12,900	12,700	12,100	<sup>2</sup> 438	419	399	11.30	10.00	13.50
Mid-spring:									
South Carolina.....	3,800	3,200	3,100	122	96	102	8.60	12.90	14.10
Georgia.....	3,000	2,600	2,500	75	62	65	9.80	12.80	12.70
Alabama.....	700	650	600	16	15	14	13.70	14.30	12.40
Louisiana.....	2,200	2,100	2,100	66	53	63	9.90	12.10	13.80
Total or average.....	9,700	8,550	8,300	279	226	244	9.52	12.80	13.60
Late spring:									
New Jersey.....	3,500	3,200	3,400	122	134	136	12.00	12.30	10.30
Maryland.....	1,700	1,400	1,500	51	45	54	9.30	10.30	8.72
Virginia.....	2,200	2,300	2,300	88	87	85	8.70	10.20	10.10
North Carolina.....	3,500	3,200	3,100	122	96	93	6.20	9.93	11.00
California.....	1,200	1,100	1,200	126	105	102	17.50	15.00	16.40
Total or average.....	12,100	11,200	11,500	509	467	470	11.10	11.80	11.50

See footnotes at end of table.



Table 231.—Beans, snap, commercial crop: Acreage, production, and value per hundred-weight and per ton, by States, 1968-70—Continued

Utilization, season, and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
<b>FOR FRESH MARKET—continued</b>									
<i>Acres</i>	<i>Acres</i>	<i>Acres</i>		<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Summer:									
Massachusetts.....	800	750	700	28	26	28	17.90	18.10	16.00
Connecticut.....	700	650	700	24	26	28	18.60	17.30	16.80
New York.....	6,700	6,100	6,100	281	275	268	12.90	13.00	10.80
Pennsylvania.....	800	800	840	40	48	55	12.30	12.00	12.30
Ohio.....	1,600	1,600	1,400	96	80	77	10.30	12.30	12.00
Michigan.....	2,200	2,600	2,600	84	88	94	13.80	12.20	11.10
Virginia.....	400	400	400	12	16	16	10.20	11.50	10.00
North Carolina.....	5,600	5,600	5,600	269	224	224	10.30	12.20	10.40
Georgia.....	1,200	1,200	1,200	44	42	44	12.00	13.50	12.70
Tennessee.....	1,200	1,500	1,300	54	65	60	9.70	10.70	8.40
Alabama.....	750	750	700	22	23	22	12.80	15.50	11.90
Total or average.....	21,950	21,950	21,540	954	913	916	12.00	12.80	11.20
Early fall:									
New Jersey.....	2,500	2,300	2,000	80	74	76	11.40	12.10	12.80
Maryland.....	850	650	600	28	27	19	9.00	10.60	10.40
Virginia.....	3,300	4,000	4,000	119	136	120	9.80	12.20	11.70
North Carolina.....	500	550	600	18	19	16	9.70	11.20	12.50
South Carolina.....	1,400	1,200	1,400	35	42	46	11.70	11.00	11.30
Louisiana.....	500	500	550	17	18	21	9.90	11.90	12.80
California.....	1,400	1,300	1,200	133	117	114	16.20	15.60	16.00
Total or average.....	10,450	10,500	10,350	430	433	412	12.20	12.80	13.00
Late fall: Florida.....	9,500	9,500	9,500	332	304	380	16.60	19.00	13.50
United States.....	91,500	89,700	86,290	3,434	3,328	3,107	12.50	12.90	13.00
<b>FOR PROCESSING</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
New York.....	53,500	48,500	49,300	96,300	97,000	102,550	91.80	89.50	89.70
Pennsylvania.....	9,800	6,200	5,800	17,600	12,400	11,600	92.40	95.30	101.00
Delaware.....	9,700	9,100	6,200	13,600	14,550	15,250	89.50	95.50	95.00
Maryland.....	13,000	8,700	8,300	22,100	13,900	18,500	97.60	92.20	91.30
Virginia.....	3,000	2,100	1,900	6,300	3,350	4,000	105.00	98.60	106.00
North Carolina.....	3,300	1,400	2,100	5,900	3,650	3,800	102.00	87.20	90.30
South Carolina.....	800	400	400	1,500	750	950	109.00	81.50	81.20
Illinois.....	11,000	9,400	9,000	19,800	23,500	16,850	104.00	98.40	95.80
Michigan.....	10,600	11,200	10,100	22,300	19,050	20,000	89.30	90.50	94.70
Wisconsin.....	41,200	45,400	44,100	90,600	95,350	99,650	81.20	85.70	79.70
Tennessee.....	11,300	10,500	10,900	19,200	17,850	23,850	111.00	110.00	107.00
Arkansas.....	6,000	7,200	5,500	14,400	12,250	11,150	95.40	91.30	101.00
Oklahoma.....	2,100	2,000	2,000	4,200	3,800	3,400	98.10	82.80	80.20
Texas.....	7,000	5,100	4,400	16,800	9,200	8,050	108.00	99.40	96.30
Colorado.....	2,300	2,100	1,700	5,800	5,250	4,600	87.70	81.90	92.70
Washington.....	4,900	3,300	2,800	17,600	11,550	10,400	106.00	112.00	98.80
Oregon.....	29,000	28,700	27,700	153,700	143,500	132,150	108.00	110.00	104.00
California.....	13,900	10,600	7,100	29,200	26,500	16,600	133.00	142.00	116.00
Other States <sup>2</sup> .....	34,710	26,390	28,970	69,800	55,050	66,300	105.00	99.60	101.00
United States.....	267,110	238,290	228,270	626,700	568,450	569,650	99.80	99.50	95.40
Grand total.....	358,610	327,990	314,560	798,400	734,850	725,000	*132.00	*136.00	*131.00

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantity not harvested or not marketed because of economic conditions (1,000 hundredweight): 1968—early spring, Florida, 38.<sup>3</sup> Maine, New Hampshire, Massachusetts, New Jersey, Ohio, Indiana, Minnesota, Missouri, Georgia, Florida, Kentucky, Alabama, Mississippi, Louisiana, Idaho, and Utah.<sup>4</sup> Derived value per ton.

Statistical Reporting Service.

hundred.

unit

## BEETS

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Table 232.—Beets, commercial crop: Acreage, yield, production, value per hundredweight and per ton, and total value, United States, 1954-70

Year	For fresh market <sup>1</sup>					For processing				
	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Acreage har- vested	Yield per acre	Produc- tion	Value <sup>4</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954	6,220	110	685	4.32	2,820	16,120	9.3	149,700	20.60	3,078
1955	5,840	106	620	4.13	2,492	18,320	7.9	144,300	20.50	2,974
1956	5,880	108	634	4.34	2,752	20,720	9.5	196,900	19.20	3,782
1957	4,450	120	536	4.11	2,178	17,250	9.5	163,600	19.10	2,127
1958	4,500	116	523	3.55	1,859	16,160	9.5	153,200	17.70	2,715
1959	3,700	119	439	3.72	1,632	14,190	10.3	146,700	18.45	2,707
1960	4,000	126	505	4.09	2,067	14,780	9.9	145,860	19.24	2,806
1961	3,750	125	469	4.16	1,951	17,240	10.6	182,560	18.57	3,390
1962	3,550	114	404	3.75	1,515	17,120	12.2	208,840	18.70	3,905
1963	3,150	123	388	4.46	1,729	18,700	11.3	211,410	17.21	3,638
1964	2,940	123	361	4.68	1,688	16,220	11.0	177,790	19.04	3,385
1965	2,700	123	331	5.23	1,730	14,530	12.3	178,510	18.32	3,271
1966	2,800	116	326	4.15	1,352	17,050	11.4	193,910	19.98	3,874
1967	2,750	107	294	4.09	1,202	17,630	11.7	206,350	20.50	4,226
1968	1,800	134	241	5.22	1,259	21,160	12.7	269,200	23.80	6,394
1969						17,930	12.24	219,550	22.00	4,831
1970 <sup>5</sup>						15,120	13.69	207,050	21.30	4,412

<sup>1</sup> Estimates discontinued in 1969.<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundred-weight): 32 in 1954, 16 in 1955, and 6 in 1957.<sup>3</sup> F.o.b. basis.<sup>4</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.<sup>5</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 235.

Table 233.—Beets (for processing), commercial crop: Acreage, production, and value per ton, by States, 1968-70

State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
New York	5,100	4,700	4,000	89,200	69,350	78,800	21.40	20.00	17.80
Wisconsin	7,700	6,600	5,800	92,400	72,600	60,500	21.80	20.30	21.50
Texas	4,400	2,700	1,900	26,800	18,500	15,900	26.80	26.40	25.20
Oregon	2,800	2,400	2,100	42,600	42,700	35,700	30.40	25.50	28.00
Other States <sup>2</sup>	1,660	1,530	1,320	18,200	16,400	16,150	25.20	24.00	23.50
United States	21,160	17,930	15,120	269,200	219,550	207,050	23.80	22.00	21.30

<sup>1</sup> Preliminary.<sup>2</sup> New Jersey, Ohio, Illinois, Michigan, Minnesota, Virginia, Colorado, Washington, and California.

Statistical Reporting Service.

## VEGETABLES AND MELONS, 1971

**Table 234.—Broccoli, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-70 <sup>1</sup>**

Year	Acreage for harvest	Yield per acre	Production	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>3</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	35,700	49	1,763	7.82	13,783	1963.....	41,450	59	2,448	7.85	19,224
1955.....	39,660	53	2,105	7.91	16,659	1964.....	38,100	61	2,323	7.97	18,522
1956.....	44,200	53	2,356	7.79	18,357	1965.....	37,470	59	2,211	8.31	18,369
1957.....	39,570	47	1,857	7.36	13,666	1966.....	39,280	68	2,677	8.68	23,247
1958.....	40,580	53	2,198	7.73	16,762	1967.....	43,360	64	2,782	8.88	24,696
1959.....	41,550	50	2,065	7.87	16,252	1968.....	42,100	72	3,012	8.97	27,005
1960.....	41,980	57	2,372	7.92	18,780	1969.....	37,060	68	2,509	10.20	25,549
1961.....	40,950	58	2,362	8.02	18,944	1970 <sup>4</sup> .....	40,400	75	3,029	9.57	28,973
1962.....	37,350	55	2,064	8.22	16,972						

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. Includes production for fresh market and processing.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Excludes the following quantity not marketed because of economic conditions (1,000 hundredweight): 46 in 1970.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 237.

**Table 235.—Broccoli, commercial crop: Acreage, production, and value per hundredweight, by States, 1968-70 <sup>1</sup>**

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter:									
Texas.....	1,300	2,300	2,800	46	55	50	8.15	10.70	14.10
Arizona.....	650	650	800	39	42	52	12.00	13.00	15.90
Total or average.....	1,950	2,950	3,600	85	97	102	9.92	11.70	15.00
Early spring:									
California.....	17,300	11,800	16,300	1,557	885	1,467	8.38	10.40	9.05
Fall:									
New York and New Jersey.....	1,450	310	300	79	16	16	9.96	14.20	12.50
Oregon.....	3,600	3,200	2,900	223	195	212	9.41	9.24	9.31
California.....	17,800	18,800	17,600	1,068	1,316	<sup>3</sup> 1,232	9.58	10.00	9.74
Total or average.....	22,850	22,310	20,800	1,370	1,527	1,460	9.58	9.96	9.71
United States.....	42,100	37,060	40,400	3,012	2,509	3,029	8.97	10.20	9.57

<sup>1</sup> Sprouting broccoli only. Does not include broccoli rabe nor heading (cauliflower) broccoli. Includes production for fresh market and processing.

<sup>2</sup> Preliminary.

<sup>3</sup> Excludes the following quantity not marketed because of economic conditions (1,000 hundredweight): 1970—fall, California, 46.

Statistical Reporting Service.

Table 236.—Brussels sprouts, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-70 <sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	6,350	100	633	7.41	4,693	1963.....	6,200	110	681	10.01	6,817
1955.....	5,000	93	467	8.38	3,915	1964.....	6,200	118	730	10.62	7,752
1956.....	6,400	118	755	8.29	6,259	1965.....	6,400	119	760	11.98	7,967
1957.....	6,300	99	622	6.77	4,212	1966.....	6,900	106	734	11.86	8,704
1958.....	5,050	113	573	8.52	4,882	1967.....	6,000	104	685	11.50	7,874
1959.....	5,560	123	686	8.30	5,096	1968.....	6,800	94	638	11.60	7,427
1960.....	5,510	130	716	8.92	6,385	1969.....	6,500	89	579	11.50	6,673
1961.....	5,700	124	706	9.25	6,533	1970 <sup>4</sup> .....	5,950	94	561	12.70	7,147
1962.....	6,000	110	659	10.36	6,824						

<sup>1</sup> Includes production for fresh market and processing.<sup>2</sup> F.o.b. basis.<sup>3</sup> Includes the following quantity not marketed which is excluded in computing value: 95,000 cwt. in 1965.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1949-53 in *Agricultural Statistics, 1967*, table 239.Table 237.—Brussels sprouts, commercial crop: Acreage, production, and value per hundredweight, by States, 1968-70 <sup>1</sup>

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Fall:									
New York.....	1,200	1,100	850	78	77	51	7.54	8.06	8.20
California.....	5,600	5,400	5,100	560	502	510	12.20	12.10	13.20
United States.....	6,800	6,500	5,950	638	579	561	11.60	11.50	12.70

<sup>1</sup> Includes production for fresh market and processing.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 238.—Cabbage, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1968-70

Utilization, season, and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
TOTAL CROP <sup>2</sup>									
Winter:									
Florida.....	17,000	17,600	16,700	3,910	4,048	2,923	3.50	2.85	5.45
Texas.....	12,500	21,000	19,000	1,875	2,625	3,040	3.61	3.63	5.61
Arizona.....	1,900	1,500	1,000	276	165	210	3.75	4.11	5.61
California.....	6,200	4,400	4,600	1,550	770	1,081	3.05	3.48	5.19
Total or average.....	37,600	44,500	41,300	7,611	7,608	7,254	3.44	3.21	5.48
Early spring:									
South Carolina.....	2,000	1,900	800	150	124	128	3.00	3.39	6.29
Georgia.....	3,000	2,600	2,500	335	312	275	2.97	2.49	4.32
Mississippi.....	700	500	400	63	40	52	2.15	2.25	4.17
Louisiana.....	2,000	2,200	1,800	200	242	189	2.85	2.96	4.55
California.....	2,700	2,800	3,400	662	672	884	2.85	3.15	4.77
Total or average.....	10,400	10,000	8,900	1,410	1,390	1,528	2.86	2.96	4.77

See footnotes at end of table.

Table 238.—Cabbage, commercial crop: Acreage, production, and value per hundred-weight and per ton, by States, 1968-70—Continued

Utilization, season, and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
<b>TOTAL CROP<sup>2</sup>—con.</b>									
Late spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Ohio.....	400	380	360	90	80	77	2.90	3.19	5.09
Missouri.....	800	800	800	72	92	92	2.70	3.17	3.59
Maryland.....	750	750	750	112	120	116	2.40	2.65	3.42
Virginia.....	1,500	1,400	1,200	<sup>3</sup> 150	<sup>3</sup> 140	126	2.60	2.77	6.60
North Carolina.....	1,600	1,300	1,400	<sup>3</sup> 180	<sup>3</sup> 120	126	2.25	2.05	4.27
Tennessee.....	1,300	1,100	900	266	253	234	1.53	1.37	2.05
Total or average.....	6,350	5,930	5,410	850	805	771	2.21	2.29	3.91
Early summer:									
New Jersey.....	3,100	2,900	2,700	651	638	594	2.90	2.87	3.99
Ohio.....	1,300	1,300	1,400	280	260	280	3.20	3.67	3.17
Virginia.....	700	650	750	147	133	165	2.52	3.25	2.58
Total or average.....	5,100	4,850	4,850	1,078	1,031	1,039	2.93	3.12	3.54
Late summer:									
Pennsylvania.....	1,800	1,800	1,800	378	378	432	2.65	2.70	2.75
Indiana.....	1,100	1,000	1,100	220	235	281	2.77	2.54	2.88
Illinois.....	2,300	2,000	1,900	448	400	361	3.45	3.60	4.08
North Carolina.....	3,200	3,000	3,200	608	600	640	2.24	2.37	1.93
Colorado.....	2,000	2,100	1,900	440	494	428	3.15	2.49	2.37
Washington.....	1,100	900	1,000	297	189	210	2.79	3.83	4.10
California.....	2,400	2,500	2,700	528	613	594	3.50	2.81	2.49
Total or average.....	13,900	13,300	13,600	2,919	2,909	2,946	2.94	2.80	2.74
Early fall:									
Massachusetts.....	1,250	1,100	1,100	266	220	231	4.11	4.23	4.01
Connecticut.....	900	850	850	175	153	162	4.40	4.47	4.77
New York:									
Long Island.....	1,100	1,100	1,100	242	226	237	2.95	3.93	2.96
Upstate.....	10,200	10,100	9,600	<sup>4</sup> 4,131	<sup>4</sup> 3,434	<sup>4</sup> 4,032	2.00	3.13	1.71
New Jersey.....	2,000	1,700	1,800	390	357	360	3.60	4.27	3.11
Pennsylvania.....	1,100	1,100	1,200	253	253	258	3.25	3.77	2.97
Ohio.....	2,000	2,000	2,000	610	620	780	1.36	1.56	1.30
Michigan.....	3,600	4,500	4,700	702	923	917	3.12	3.40	2.83
Wisconsin.....	5,700	5,800	6,100	1,824	1,827	2,013	1.55	1.63	1.33
Minnesota.....	850	700	800	170	140	152	3.45	3.79	3.56
Oregon and Idaho.....	1,470	1,750	1,930	450	592	658	2.16	1.84	1.81
Total or average.....	30,170	30,700	31,180	9,203	8,745	9,800	2.22	2.79	1.97
Late fall:									
Virginia.....	250	300	350	35	30	35	3.65	4.58	3.45
North Carolina.....	1,700	1,700	1,800	221	289	252	2.60	4.00	2.40
South Carolina.....	100	100	100	12	15	12	3.15	4.98	3.60
Total or average.....	2,050	2,100	2,250	268	334	299	2.76	4.10	2.57
All groups.....	105,570	111,330	107,490	23,339	22,822	23,637	2.79	2.96	3.45
Hawaii.....	500	420	440	<sup>5</sup> 96	100	107	6.70	5.80	4.80
United States.....	106,070	111,800	107,930	23,435	22,922	23,744	2.81	2.97	3.48
<b>FOR SAUERKRAUT</b>									
New York.....	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Ohio.....	4,000	4,100	3,600	92,000	77,100	90,900	17.20	20.30	16.30
Wisconsin.....	1,400	1,400	1,500	22,500	23,950	32,500	16.20	16.60	19.00
Other States <sup>6</sup> .....	3,800	3,900	4,000	64,600	65,150	72,800	18.20	18.00	19.00
United States.....	3,360	3,640	3,240	52,700	57,950	61,750	20.00	19.70	19.70
United States.....	12,560	13,040	12,340	231,800	224,150	257,950	18.00	19.10	18.20

<sup>1</sup> Preliminary. <sup>2</sup> Includes production for fresh market and processing. <sup>3</sup> Excludes the following quantities not harvested because of economic conditions (1,000 hundredweight): 1968—Hawaii, 1; late spring, Virginia, 60, and North Carolina, 83; 1969—late spring, Virginia, 60, and North Carolina, 75; 1970—early fall, New York, Upstate, 180. <sup>4</sup> Storage crop includes some quantities lost by shrinkage and waste. <sup>5</sup> Pennsylvania, Indiana, Michigan, Virginia, North Carolina, Florida, Tennessee, Texas, Idaho, Colorado, Washington, and Oregon.

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## CABBAGE

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Table 239.—Cabbage, commercial crop: Acreage, yield, production, shrinkage and loss, value per hundredweight and per ton, total value, and stocks, United States, 1954-70

Year	Total crop						Stocks <sup>4</sup>	
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Shrinkage and loss <sup>2</sup>	Value <sup>3</sup>		Dec. 1	Jan. 1 <sup>5</sup>
					Per cwt.	Total		
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1954.....	148,030	176	25,983	142	1.49	36,442	1,311	617
1955.....	134,160	163	21,893	142	2.25	48,059	475	134
1956.....	138,320	196	27,172	142	1.61	42,020	1,372	943
1957.....	121,290	179	21,732	142	2.13	45,994	640	366
1958.....	125,840	189	23,788	142	1.97	45,722	973	571
1959.....	122,880	172	21,076	142	2.38	48,709	375	85
1960 <sup>6</sup> .....	128,255	191	24,514	338	2.09	49,565	1,000	580
1961.....	129,365	180	23,294	133	1.89	42,845	1,030	720
1962.....	122,070	189	23,070	165	2.69	61,182	1,125	695
1963.....	117,635	196	23,019	228	2.35	53,125	1,150	855
1964.....	116,290	190	22,084	164	2.52	53,905	910	460
1965.....	115,910	201	23,261	270	2.41	54,724	1,180	810
1966.....	111,350	195	21,714	148	3.31	70,469	725	390
1967.....	115,145	214	24,600	200	2.43	59,317	980	720
1968.....	106,070	221	23,435	191	2.81	65,292	1,020	610
1969.....	111,800	205	22,922	202	2.97	67,501	890	520
1970 <sup>7</sup> .....	107,930	220	23,744	202	3.48	81,973	1,240	900

  

Year	For fresh market					For sauerkraut				
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>3</sup>		Acreage harvested	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	132,200	165	21,811	1.68	33,937	15,830	13.2	208,600	12.00	2,505
1955.....	120,910	154	18,679	2.48	45,131	13,250	12.1	160,700	18.20	2,928
1956.....	121,950	180	21,994	1.86	38,962	16,370	15.8	258,900	11.80	3,058
1957.....	109,830	167	18,325	2.38	43,438	11,460	14.9	170,000	15.00	2,556
1958.....	113,890	173	19,728	2.27	43,372	11,950	17.0	203,000	11.60	2,350
1959.....	112,010	162	18,091	2.65	46,437	10,870	13.7	149,280	15.22	2,272
1960 <sup>6</sup> .....	114,055	176	20,105	2.40	46,146	14,200	16.5	220,460	15.51	3,419
1961.....	116,275	163	18,949	2.19	40,098	13,090	16.5	215,700	12.74	2,747
1962.....	109,940	171	18,813	3.16	58,382	12,130	17.4	211,270	13.25	2,800
1963.....	106,105	179	19,023	2.71	50,556	11,530	17.1	197,260	13.04	2,572
1964.....	106,010	177	18,802	2.84	51,404	10,280	15.8	162,850	15.36	2,501
1965.....	103,160	179	18,483	2.87	51,466	12,750	18.7	238,910	13.64	3,258
1966.....	100,590	180	18,123	3.77	66,873	10,760	16.7	179,560	20.03	3,596
1967.....	100,865	190	19,132	2.87	54,664	14,280	19.1	273,100	17.00	4,646
1968.....	94,010	200	18,829	3.27	61,480	12,560	18.50	231,800	18.00	4,178
1969.....	98,760	187	18,439	3.43	63,223	13,040	17.19	224,150	19.10	4,278
1970 <sup>7</sup> .....	95,590	194	18,585	4.16	77,273	12,340	20.90	237,950	18.20	4,700

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 420 in 1967, 144 in 1968, 135 in 1969, and 180 in 1970. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 1,573 in 1954, 516 in 1955, 1,003 in 1956, 112 in 1957, 629 in 1958, 432 in 1959, 504.4 in 1960, 523.3 in 1961, 156.4 in 1962, 145.6 in 1963, 507.2 in 1964, 305 in 1965, and 258 in 1966.

<sup>2</sup> New York storage crop; excluded in computing value for total crop and fresh market. Not available prior to 1959.

<sup>3</sup> Fresh market value on f.o.b. basis. Beginning 1964, processing value at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>4</sup> Grower and dealer stocks, New York only.

<sup>5</sup> Jan. 1 of succeeding year.

<sup>6</sup> Beginning 1960, includes Alaska and Hawaii; Alaska discontinued in 1968.

<sup>7</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 241.



**Table 240.—Cantaloups, commercial crop: Acreage, production, and value per hundred-weight, by States, 1968-70 <sup>1</sup>**

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
Spring:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Florida.....	1,000	1,200	1,200	70	72	84	6.70	7.60	6.80
Texas.....	12,500	18,000	17,800	938	1,260	1,246	5.60	7.17	7.64
Arizona.....	11,600	12,800	8,800	1,392	1,664	1,276	8.10	6.26	9.11
California.....	13,100	16,100	8,000	1,441	1,852	1,120	7.30	6.04	8.49
Total or average.....	38,200	48,100	35,800	3,841	4,848	3,726	7.16	6.43	8.38
Early summer:									
South Carolina.....	3,500	3,500	3,500	158	175	175	4.05	4.59	5.12
Georgia.....	5,700	5,800	5,200	342	302	312	5.70	6.29	6.17
Arizona.....	1,000	2,100	700	120	231	81	7.10	5.80	7.83
Total or average.....	10,200	11,400	9,400	620	708	568	5.55	5.71	6.08
Mid-summer:									
Indiana.....	2,200	2,100	2,000	253	273	240	3.70	4.18	6.33
Texas.....	8,000	7,500	7,000	264	263	329	6.20	5.65	5.54
California.....	38,700	46,300	46,400	6,866	6,714	7,424	5.30	5.12	5.19
Total or average.....	48,900	55,900	55,400	7,483	7,250	7,993	5.28	5.10	5.24
Late summer:									
New York.....	800	800	800	80	68	84	6.20	7.53	8.61
Ohio.....	1,400	1,500	1,400	119	113	126	4.75	5.05	4.17
Michigan.....	2,100	2,000	2,000	178	170	170	7.20	7.69	6.86
Colorado.....	2,400	2,400	2,400	240	216	228	4.15	3.91	4.23
Total or average.....	6,700	6,700	6,600	617	567	608	5.41	5.71	5.56
Early fall:									
Arizona.....	400	1,000	910	40	60	109	7.20	6.00	7.28
California.....	2,800	3,100	3,600	322	326	414	5.40	4.47	4.92
Total or average.....	3,200	4,100	4,510	362	386	523	5.60	4.71	5.41
United States.....	107,200	126,200	111,710	12,923	13,759	13,418	5.87	5.62	6.17

<sup>1</sup> Includes casaba and persian melons, but not honeyball and honeydew melons.<sup>2</sup> Preliminary.

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## CANTALOUPS; CARROTS

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Table 241.—Cantaloups, commercial crop: Acreage, yield, production, value per hundred-weight, and total value, United States, 1954-70<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Pro- duction <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Pro- duction <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1954.....	139,370	95	12,197	4.00	52,784	1953.....	122,130	110	13,400	4.96	66,554
1955.....	138,070	94	12,937	4.18	54,064	1954.....	121,450	100	12,162	5.02	61,009
1956.....	127,500	97	12,333	4.19	51,631	1955.....	110,100	106	11,714	5.51	63,229
1957.....	119,850	93	11,110	5.13	56,954	1956.....	105,300	102	10,753	6.27	67,470
1958.....	131,350	95	12,424	3.98	47,881	1957.....	108,700	115	12,552	6.25	78,407
1959.....	123,850	104	12,870	4.38	56,361	1958.....	107,200	121	12,923	5.87	75,816
1960.....	125,900	100	12,562	4.33	54,337	1959.....	126,200	109	13,759	5.62	77,282
1961.....	120,450	106	12,765	5.01	63,981	1960.....	111,710	120	13,418	6.17	82,760
1962.....	128,850	104	13,343	4.23	55,608						

<sup>1</sup> Includes casaba and persian melons, but not honeyball and honeydew melons.<sup>2</sup> F.o.b. basis.<sup>3</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundred-weight): 193 in 1962, and 242 in 1965.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 244.Table 242.—Carrots, commercial crop: Acreage, yield, production, value per hundred-weight, and total value, United States, 1954-70<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Pro- duction <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Pro- duction <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars		Acres	Cwt.	1,000 cwt.	Dollars	1,000 dollars
1954.....	79,750	190	15,113	3.92	57,918	1963.....	91,170	198	18,015	2.91	52,184
1955.....	79,880	186	14,838	3.93	57,778	1964.....	82,505	197	16,215	3.46	56,175
1956.....	79,040	206	16,253	3.49	56,271	1965.....	79,975	220	17,588	3.51	61,819
1957.....	79,490	190	15,095	4.05	61,069	1966.....	80,530	216	17,386	4.03	69,994
1958.....	82,240	199	16,363	3.50	58,306	1967.....	81,265	218	17,724	4.21	74,595
1959.....	80,750	192	15,480	3.55	55,014	1968.....	71,950	267	19,182	4.33	82,977
1960.....	83,625	219	18,335	3.12	54,558	1969.....	80,430	233	18,732	4.43	82,967
1961.....	73,970	214	15,797	3.86	61,011	1970 <sup>4</sup> .....	78,530	230	18,028	3.70	66,635
1962.....	83,340	202	16,808	3.33	56,005						

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundred-weight): 321 in 1954, 135 in 1955, 110 in 1956, 289 in 1958, 871.8 in 1960, 0.5 in 1961, 0.6 in 1962, and 110.4 in 1963.<sup>3</sup> F.o.b. basis.<sup>4</sup> Includes Alaska from 1960 through 1967.<sup>5</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 245.

## FOOTNOTES FOR TABLE 248

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundred-weight): 30 in 1967, 49 in 1969, and 259 in 1970. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundred-weight): 233 in 1955, 13 in 1956, 180 in 1958, 105 in 1959, 242 in 1961, 50 in 1962, 228 in 1963, 157 in 1964, 46 in 1965, and 89 in 1966.<sup>2</sup> F.o.b. basis.<sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.<sup>4</sup> Includes Hawaii from 1960 through 1967.<sup>5</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 251.

Table 243.—Carrots, commercial crop: Acreage, production, and value per hundredweight, by States, 1968-70 <sup>1</sup>

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
Winter:									
Texas.....	16,000	28,000	26,500	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
California.....	10,200	8,600	8,100	2,560	3,640	3,313	6.50	4.06	4.46
				2,703	2,408	1,944	5.89	4.93	5.19
Total or average.....	26,200	36,600	34,600	5,263	6,048	5,257	6.19	4.41	4.73
Spring: Arizona.....	3,700	2,800	2,700	610	504	486	6.50	4.70	3.92
Early summer:									
California.....	8,700	6,500	8,400	3,045	2,080	2,730	4.19	5.52	3.47
Late summer:									
New Jersey.....	800	1,000	1,100	368	370	297	1.62	1.78	1.70
Illinois.....	400	500	450	96	120	104	2.91	4.58	3.32
Total or average.....	1,200	1,500	1,550	464	490	401	1.89	2.46	2.12
Early fall:									
Massachusetts.....	550	530	480	126	106	101	5.80	7.77	6.43
Connecticut.....	400	350	250	80	70	50	6.00	7.79	7.86
New York.....	2,200	2,300	2,100	737	713	735	2.60	3.20	2.69
Michigan.....	5,300	6,200	5,700	1,325	1,333	1,311	4.03	7.27	4.95
Wisconsin.....	2,800	2,800	2,900	1,162	1,120	1,233	1.93	2.40	1.74
Minnesota.....	700	750	850	273	349	383	2.14	1.77	1.81
Texas.....	7,000	6,500	6,500	1,225	943	1,008	4.45	7.07	4.65
Colorado.....	1,200	1,400	1,100	240	245	215	4.95	6.96	3.90
Washington.....	2,300	2,000	2,200	1,058	940	1,023	1.60	1.95	1.59
Oregon.....	2,000	1,900	1,800	840	969	801	1.57	1.49	1.78
Total or average.....	24,450	24,730	23,880	7,066	6,788	6,860	2.96	4.17	3.05
Late fall: California.....	7,700	8,300	7,400	2,734	2,822	2,294	4.34	4.60	3.75
United States.....	71,950	80,430	78,530	19,182	18,732	18,028	4.33	4.43	3.70

<sup>1</sup> Mostly for fresh market use, but includes quantities used for processing.<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 244.—Cauliflower, commercial crop: Acreage, yield, production, value per hundredweight, and total value, 1954-70 <sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	27,650	75	2,072	6.47	13,396	1953.....	27,780	93	2,596	7.48	19,414
1955.....	29,380	86	2,536	6.75	17,107	1954.....	26,460	95	2,507	7.69	19,291
1956.....	32,430	89	2,894	6.03	17,451	1955.....	24,800	100	2,473	8.22	20,333
1957.....	32,570	82	2,678	6.08	16,167	1956.....	25,900	97	2,511	8.72	21,887
1958.....	30,220	85	2,579	6.73	17,346	1957.....	26,000	93	2,428	8.89	21,584
1959.....	28,320	80	2,259	6.31	14,245	1958.....	26,300	90	2,613	8.97	23,438
1960.....	30,520	96	2,930	5.90	17,279	1959.....	25,600	95	2,440	9.77	23,829
1961.....	28,400	91	2,576	6.36	16,377	1970 <sup>4</sup> .....	24,100	98	2,360	9.76	23,045
1962.....	26,830	96	2,570	7.45	19,134						

<sup>1</sup> Includes heading (cauliflower) broccoli; includes production for fresh market and processing.<sup>2</sup> Excludes the following quantity not marketed (1,000 hundredweight): 42 in 1970. Prior to 1967, included the following quantity not marketed which is excluded in computing value (1,000 hundredweight): 20 in 1957.<sup>3</sup> F.o.b. basis.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 247.

**Table 245.—Cauliflower, commercial crop: Acreage, production, and value per hundredweight, by States, 1968-70 <sup>1</sup>**

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter:									
Texas.....	800	1,200	600	40	78	33	16.00	13.30	18.40
Arizona.....	650	900	800	36	50	60	13.90	14.10	15.60
Total or average.....	1,450	2,100	1,400	76	128	93	15.00	13.60	16.60
Early spring:									
California.....	8,600	6,600	7,500	774	594	675	9.96	11.20	10.20
Summer:									
New York.....	1,800	1,600	1,500	180	136	135	9.84	11.70	11.20
Early fall:									
New York, L.I.....	1,800	1,400	1,300	225	147	169	9.71	12.10	11.00
Michigan.....	850	800	800	60	48	56	10.60	12.20	10.90
Oregon.....	1,900	1,800	1,400	209	144	161	5.08	5.95	6.69
Total or average.....	4,550	4,000	3,500	494	339	386	7.86	9.50	9.19
Late fall: California.....	9,900	11,300	10,200	1,089	1,243	<sup>2</sup> 1,071	8.21	8.55	8.92
United States.....	26,300	25,600	24,100	2,613	2,440	2,360	8.97	9.77	9.76

<sup>1</sup> Includes heading (cauliflower) broccoli; includes production for fresh market and processing.<sup>2</sup> Preliminary.<sup>3</sup> Excludes the following quantity not marketed because of economic conditions (1,000 hundredweight): 1970—late fall, California, 42.

Statistical Reporting Service.

**Table 246.—Celery, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-70 <sup>1</sup>**

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	35,770	423	15,126	3.31	48,777	1963.....	30,890	463	14,297	3.60	50,513
1955.....	33,000	464	15,304	3.94	59,964	1964.....	30,540	461	14,069	4.57	63,474
1956.....	35,600	456	16,232	3.29	50,642	1965.....	30,760	460	14,152	4.44	62,201
1957.....	34,740	436	15,137	3.86	58,413	1966.....	32,570	455	14,827	4.89	71,080
1958.....	35,130	406	14,200	4.43	63,103	1967.....	32,420	448	14,512	4.73	68,889
1959.....	37,670	412	15,534	3.28	48,255	1968.....	32,040	473	15,159	4.65	70,469
1960 <sup>4</sup> .....	36,210	419	15,169	3.32	50,394	1969.....	32,730	474	15,509	5.47	84,841
1961.....	31,390	476	14,957	3.28	48,348	1970 <sup>5</sup> .....	31,890	475	15,139	5.66	85,620
1962.....	30,450	463	14,084	4.70	66,214						

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Excludes the following quantities not marketed (1,000 hundredweight): 823 in 1967, 396 in 1968, and 128 in 1969. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 405 in 1954, 66 in 1955, 859 in 1956, 825 in 1959, 136 in 1961, 253 in 1963, 183 in 1964, 134 in 1965, and 297 in 1966.<sup>3</sup> F.o.b. basis.<sup>4</sup> Includes Hawaii from 1960 through 1967.<sup>5</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 249.

**Table 247.—Celery, commercial crop: Acreage, production, and value per hundredweight, by States, 1968-70<sup>1</sup>**

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter:									
Florida.....	6,600	6,700	6,700	<sup>3</sup> 2,796	2,781	2,747	5.10	4.70	5.80
California.....	4,000	4,800	4,200	2,240	2,712	2,730	4.59	4.30	5.70
Total or average.....	10,600	11,500	10,900	5,036	5,493	5,477	4.87	4.50	5.75
Spring:									
Florida.....	4,500	5,100	4,600	<sup>3</sup> 1,553	<sup>3</sup> 1,760	1,265	5.20	6.77	7.13
California.....	3,000	3,200	3,600	1,665	1,760	2,142	5.57	6.65	6.89
Total or average.....	7,500	8,300	8,200	3,218	3,520	3,407	5.39	6.71	6.98
Early summer:									
California.....	3,000	2,700	2,800	1,770	1,539	<sup>4</sup> 1,428	4.58	5.72	3.99
Summer:									
New York.....	2,000	1,700	1,500	580	510	533	3.50	5.54	5.58
Ohio.....	450	440	400	191	163	172	6.00	8.19	9.73
Michigan.....	1,800	1,900	1,900	<sup>3</sup> 753	798	770	4.45	6.20	6.07
Washington.....	290	290	290	91	93	107	5.10	6.24	6.41
Total or average.....	4,540	4,330	4,090	1,615	1,564	1,582	4.33	6.20	6.32
Late fall: California.....	6,400	5,900	5,900	3,520	3,393	3,245	3.84	5.30	4.51
United States.....	32,040	32,730	31,890	15,159	15,509	15,139	4.65	5.47	5.66

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1968—winter, Florida, 94; spring, Florida, 257; summer, Michigan, 45; 1969—spring, Florida, 128.<sup>4</sup> Some quantities lost because of economic conditions. Quantitative estimates not shown to avoid disclosure of individual operations.

Statistical Reporting Service.

**Table 248.—Corn, sweet, commercial crop: Acreage, yield, production, value per hundredweight and per ton, and total value, United States, 1954-70**

Year	For fresh market					For processing				
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Acreage harvested	Yield per acre	Production	Value <sup>2</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	209,700	58	12,214	3.63	44,300	453,210	3.28	1,468,800	20.70	30,797
1955.....	197,900	62	12,315	3.20	38,659	389,520	3.01	1,174,000	19.50	22,851
1956.....	187,600	62	11,719	3.86	45,222	449,030	3.81	1,710,000	20.30	34,760
1957.....	193,900	59	11,524	4.32	49,756	441,910	3.45	1,524,500	19.90	30,358
1958.....	207,750	61	12,756	3.43	43,161	388,000	3.43	1,329,900	18.80	24,939
1959.....	215,100	61	13,017	3.72	47,987	418,650	3.78	1,582,170	19.12	30,249
1960 <sup>4</sup> .....	200,160	63	12,696	4.04	51,349	411,800	3.38	1,390,960	19.24	26,768
1961.....	200,110	66	13,204	4.01	51,997	450,520	3.83	1,726,270	19.43	33,545
1962.....	207,170	64	13,189	3.92	51,496	442,800	4.06	1,799,250	20.09	36,144
1963.....	207,240	64	13,347	4.00	52,419	392,320	4.28	1,679,140	19.97	35,539
1964.....	197,850	62	12,348	4.51	54,929	353,040	4.19	1,480,700	20.39	30,185
1965.....	190,580	66	13,149	4.40	57,633	376,690	4.28	1,613,600	22.41	36,159
1966.....	194,760	62	12,158	5.05	60,936	445,650	4.40	1,962,400	22.75	44,637
1967.....	190,700	69	13,117	4.84	63,543	470,550	4.47	2,101,900	25.00	52,541
1968.....	173,600	69	12,003	5.27	63,232	519,160	4.78	2,479,300	25.60	63,405
1969.....	185,400	68	12,562	4.98	62,533	448,700	4.70	2,109,350	25.10	52,953
1970 <sup>5</sup> .....	184,100	70	12,811	5.33	68,268	410,950	4.55	1,871,050	23.90	44,736

See footnotes on page 169.

Table 249.—Corn, sweet, commercial crop: Acreage, production, and value per hundred-weight and per ton, by States, 1968-70

Utilization, season, and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
<b>FOR FRESH MARKET</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter: Florida.....	9,000	9,000	9,000	630	675	324	8.20	8.55	10.50
Early spring:									
Florida.....	31,200	38,800	36,400	2,652	<sup>2</sup> 3,220	3,021	5.80	5.39	6.38
Texas.....	4,500	5,500	5,500	180	193	176	10.30	7.42	8.97
Total or average.....	35,700	44,300	41,900	2,832	3,413	3,197	6.09	5.50	6.52
Late spring:									
Alabama.....	3,200	3,000	2,800	144	165	196	5.20	4.59	5.77
California.....	4,100	3,600	5,000	309	216	450	6.90	7.06	6.86
Total or average.....	7,300	6,600	7,800	513	381	646	6.42	5.99	6.53
Early summer:									
New Jersey.....	11,300	11,500	11,200	848	863	896	4.10	3.66	4.40
Missouri.....	2,300	2,700	3,700	161	230	281	6.60	5.02	4.30
Virginia.....	2,500	3,000	2,600	205	180	187	6.30	4.04	5.25
North Carolina.....	4,500	4,600	4,800	360	322	298	4.45	4.49	5.31
California.....	7,600	8,100	8,100	418	486	486	5.60	3.94	5.19
Total or average.....	28,200	29,900	30,400	1,992	2,081	2,148	4.91	4.04	4.77
Late summer:									
New Hampshire.....	1,300	1,400	1,400	117	105	112	5.50	5.04	5.36
Massachusetts.....	8,600	8,500	8,700	602	638	653	5.70	5.38	5.57
Connecticut.....	5,200	5,500	5,600	338	358	364	5.70	5.95	5.75
New York.....	18,800	18,200	17,200	978	910	<sup>3</sup> 1,032	4.20	3.89	3.71
Pennsylvania.....	12,000	12,600	11,300	680	693	678	5.80	5.34	5.46
Ohio.....	12,500	11,500	11,800	950	805	850	3.75	3.74	3.89
Illinois.....	6,000	5,400	5,600	450	378	392	2.30	2.48	2.78
Michigan.....	10,300	11,300	11,300	824	848	904	2.75	3.02	3.13
Colorado.....	3,500	3,100	3,200	228	217	208	3.95	4.04	4.56
Washington.....	2,400	2,600	2,300	180	221	184	6.00	4.64	5.71
Oregon.....	1,500	1,700	1,800	100	114	117	5.70	5.17	6.21
Total or average.....	82,100	81,800	80,200	5,427	5,287	5,494	4.30	4.22	4.33
Fall:									
Florida.....	8,800	11,500	12,500	494	598	<sup>3</sup> 875	7.30	7.01	5.71
California.....	2,500	2,300	2,300	125	127	127	7.00	6.03	5.90
Total or average.....	11,300	13,800	14,800	609	725	1,002	7.24	6.84	5.73
United States.....	173,600	185,400	184,100	12,003	12,562	12,811	5.27	4.98	5.33
<b>FOR PROCESSING</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons <sup>1</sup></i>	<i>Tons <sup>2</sup></i>	<i>Tons <sup>2</sup></i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Pennsylvania.....	12,400	7,500	7,100	32,900	24,400	25,300	27.50	27.50	25.50
Delaware.....	4,200	3,000	2,900	11,400	11,700	11,450	24.20	24.70	23.80
Maryland.....	26,400	22,200	19,700	70,000	71,250	66,400	24.40	23.90	24.30
Illinois.....	61,700	50,200	45,300	264,700	229,900	174,400	26.20	26.80	27.00
Wisconsin.....	127,200	118,700	117,600	553,300	423,750	449,250	23.00	23.70	23.70
Minnesota.....	125,300	113,300	105,900	607,700	540,450	513,600	22.00	21.80	20.20
Iowa.....	7,900	6,900	7,400	42,200	29,600	36,100	22.10	21.80	21.00
Idaho.....	24,000	23,200	20,400	136,600	140,150	122,800	26.40	24.70	25.90
Washington.....	52,500	40,600	26,400	310,800	268,750	147,850	32.10	30.10	27.10
Oregon.....	41,600	33,800	29,500	291,200	263,300	208,850	29.90	28.40	27.50
Other States <sup>4</sup> .....	35,960	29,300	28,750	158,500	106,100	115,050	26.90	25.10	24.20
United States.....	519,160	448,700	410,950	2,479,300	2,109,350	1,871,050	25.60	25.10	23.90
Grand total.....	692,760	634,100	595,050	3,079,450	2,737,450	2,511,600	<sup>5</sup> 41.10	<sup>5</sup> 42.20	<sup>5</sup> 45.00

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1969—early spring, Florida, 49; 1970—late summer, New York, 60; fall, Florida, 259.<sup>3</sup> Tonnage in bush.<sup>4</sup> Maine, New York, Ohio, Indiana, South Dakota, Texas, Wyoming, and Utah.<sup>5</sup> Derived value per ton.

Statistical Reporting Service.



Table 250.—Cucumbers, commercial crop: Acreage, yield, production, value per hundred-weight and per ton, total value, and pickle stocks, United States, 1954-70

Year	For fresh market					For processing					Pickle stocks on hand Oct. 1 <sup>4</sup>
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Acreage harvested	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		
				Per cwt.	Total				Per ton	Total	
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Tons</i>
1954.....	52,850	80	4,210	4.73	18,743	138,310	2.18	301,000	59.17	17,770	300,240
1955.....	51,550	82	4,237	4.48	18,337	125,400	2.50	311,600	54.17	16,892	285,816
1956.....	49,250	80	3,961	5.41	21,269	115,960	2.78	323,000	55.00	17,793	301,560
1957.....	56,970	80	4,576	5.08	22,763	129,280	2.86	369,900	54.16	19,981	316,464
1958.....	52,900	84	4,432	4.50	18,543	119,150	3.00	356,300	53.33	18,979	326,928
1959.....	52,480	77	4,057	5.76	22,463	98,960	3.33	329,820	50.85	16,772	294,500
1960 <sup>3</sup> .....	53,690	82	4,401	5.10	21,746	90,230	3.72	336,060	54.33	18,258	278,840
1961.....	49,690	92	4,590	5.14	23,161	103,100	3.97	408,930	55.77	22,804	300,230
1962.....	49,220	85	4,197	6.00	24,888	98,960	4.06	401,520	53.39	21,439	396,960
1963.....	52,590	92	4,860	5.20	24,703	107,720	4.33	466,680	55.36	25,834	450,980
1964.....	52,280	96	5,042	5.77	28,495	108,900	3.91	425,790	65.82	28,025	434,230
1965.....	50,800	97	4,930	5.93	29,185	107,610	4.10	441,560	75.99	32,517	454,350
1966.....	48,490	97	4,713	6.74	31,758	129,620	4.12	533,950	82.22	43,901	482,190
1967.....	50,680	98	4,980	6.37	31,717	154,700	3.85	595,640	91.20	54,315	568,820
1968.....	51,660	81	4,181	7.20	30,063	144,820	3.83	554,640	92.20	51,143	581,000
1969.....	49,680	89	4,424	7.20	31,857	129,720	3.88	503,100	91.50	46,034	538,000
1970 <sup>4</sup> .....	49,850	95	4,733	6.44	30,499	135,470	4.35	588,850	94.20	55,443	577,550

<sup>1</sup> For fresh market, excludes 96,000 cwt. not marketed in 1968. Prior to 1967, included some quantities not marketed which were excluded in computing value: For fresh market (1,000 hundredweight)—247 in 1954, 146 in 1955, 30 in 1956, 98 in 1957, 308 in 1958, 156 in 1959, 141 in 1960, 80 in 1961, 81 in 1962, 106 in 1963, 101 in 1964, and 3 in 1965; for processing (tons)—13,650 in 1965, and 300 in 1966.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.

<sup>4</sup> Stocks in hands of original salters of both salt and dill pickles, sold and unsold, in tanks and barrels, on Oct. 1. Beginning 1962, includes stocks of fresh-pack pickles.

<sup>5</sup> Beginning 1960, includes Hawaii.

<sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 253.

Table 251.—Cucumbers, commercial crop: Acreage, production, and value per hundred-weight and per ton, by States, 1968-70

Utilization, season, and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
<b>FOR FRESH MARKET</b>				<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Early spring:									
Florida.....	8,700	9,000	7,600	914	1,080	950	8.00	7.09	6.80
Texas.....	2,400	2,800	3,500	108	112	147	6.30	7.19	6.49
Total or average.....	11,100	11,800	11,100	1,022	1,192	1,097	7.82	7.10	6.76
Late spring:									
North Carolina.....	6,700	6,100	6,100	402	336	378	2.80	5.51	6.36
South Carolina.....	6,200	4,800	4,700	278	288	282	5.40	5.56	6.32
California.....	1,300	1,400	1,300	338	371	325	10.20	8.26	7.53
Total or average.....	14,200	12,300	12,100	1,018	995	985	5.97	6.55	6.73
Early summer:									
New Jersey.....	1,700	1,800	1,700	238	234	247	4.95	5.64	6.24
Maryland.....	1,800	1,800	1,700	225	234	204	6.00	5.56	4.92
Virginia.....	1,700	1,700	2,000	119	119	146	6.70	6.63	5.68
Total or average.....	5,200	5,300	5,400	582	587	597	5.71	5.81	5.65

See footnotes at end of table.

Table 251.—Cucumbers, commercial crop: Acreage, production, and value per hundred-weight and per ton, by States, 1968-70—Continued

Utilization, season, and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
<b>FOR FRESH MARKET</b>									
—continued									
Late summer:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000</i>	<i>1,000</i>	<i>1,000</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
New York.....	2,900	2,600	2,900	255	273	319	6.10	7.83	6.02
Michigan.....	2,100	2,000	2,100	136	120	147	7.00	7.87	5.22
Total or average.....	5,000	4,600	5,000	391	393	466	6.41	7.75	5.77
Early fall:									
Virginia.....	2,800	2,700	3,000	196	173	204	4.80	6.85	5.76
South Carolina.....	1,500	1,400	1,200	98	91	96	4.30	7.60	6.72
Texas.....	2,400	2,600	2,800	168	169	140	6.90	7.56	5.44
California.....	1,300	1,400	1,700	292	385	408	8.60	8.04	5.91
Total or average.....	8,000	8,100	8,700	754	818	848	6.75	7.54	5.89
Late fall: Florida.....	8,000	7,400	7,400	376	407	703	12.10	9.31	6.92
All groups.....	51,500	49,800	49,700	4,143	4,392	4,696	7.13	7.15	6.38
Hawaii.....	160	180	150	38	32	37	14.50	14.70	14.40
United States.....	51,660	49,680	49,850	4,181	4,424	4,733	7.20	7.20	6.44
<b>FOR PROCESSING</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ohio.....	4,000	4,800	6,200	27,320	33,300	41,000	104.00	117.00	96.60
Indiana.....	2,900	2,400	2,600	13,340	14,350	11,400	81.70	93.60	108.00
Michigan.....	21,200	21,100	23,200	92,640	86,500	101,950	99.40	100.00	99.60
Wisconsin.....	18,700	14,900	11,500	54,040	42,150	41,000	114.00	106.00	121.00
Other States <sup>2</sup> .....	9,510	6,630	6,230	46,700	42,000	41,350	82.80	73.90	80.00
Total Northern.....	56,310	49,830	49,730	234,040	218,300	255,700	99.00	98.20	101.00
Delaware and Maryland.....	3,450	3,900	3,100	21,270	24,200	25,250	67.80	65.20	63.50
Virginia.....	2,600	3,200	2,800	11,800	11,300	8,300	73.40	70.10	63.60
North Carolina.....	32,800	28,000	27,700	75,440	71,950	69,150	101.00	97.50	94.90
South Carolina.....	3,900	3,800	9,900	10,610	8,900	27,300	87.50	84.80	79.20
Texas.....	6,600	5,500	4,300	31,810	23,000	22,350	77.60	75.20	86.60
Other States <sup>3</sup> .....	26,130	24,460	27,600	59,460	55,350	82,350	86.40	87.10	99.30
Total Southern.....	75,480	68,860	75,400	210,390	194,700	234,800	87.80	85.70	89.40
Colorado.....	3,300	2,200	2,300	20,100	14,350	19,400	86.00	82.60	76.80
Washington.....	1,600	1,600	1,700	12,000	10,650	12,750	77.20	92.00	94.00
California.....	5,700	5,200	4,700	61,000	48,900	49,350	91.70	91.80	87.20
Other States <sup>4</sup> .....	2,430	2,030	1,640	17,110	16,200	16,850	73.80	77.30	95.40
Total Western.....	13,030	11,030	10,340	110,210	90,100	98,350	86.30	87.80	87.40
United States.....	144,820	129,720	135,470	554,640	503,100	588,850	92.20	91.50	94.20
Grand total.....	196,480	179,400	185,320	763,690	724,300	825,500	<sup>5</sup> 106.00	<sup>6</sup> 108.00	<sup>6</sup> 104.00

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantity not harvested or not marketed because of economic conditions (1,000 hundredweight): 1968—late spring, South Carolina, 96.<sup>3</sup> New Hampshire, Massachusetts, New York, New Jersey, Pennsylvania, Illinois, Minnesota, Iowa, Missouri, North Dakota, South Dakota, Kansas, and Nebraska.<sup>4</sup> Georgia, Florida, Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, and Oklahoma.<sup>5</sup> Idaho, New Mexico, Arizona, Utah, and Oregon.<sup>6</sup> Derived value per ton.

Statistical Reporting Service.

**Table 252.—Eggplant, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-70**

Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	4,700	99	466	4.84	2,242	1963.....	4,100	125	513	5.41	2,775
1955.....	4,550	111	507	4.27	2,045	1964.....	3,850	140	539	6.25	3,245
1956.....	4,000	110	442	5.20	2,272	1965.....	3,850	154	591	5.88	3,359
1957.....	4,800	104	499	4.86	2,372	1966.....	3,550	156	553	7.43	3,933
1958.....	4,600	92	422	5.56	2,273	1967.....	3,850	149	575	6.54	3,759
1959.....	4,900	101	497	6.29	3,128	1968.....	3,200	142	453	10.50	4,750
1960.....	4,850	99	479	5.51	2,641	1969.....	3,750	137	514	8.50	4,367
1961.....	4,550	125	570	5.24	2,914	1970 <sup>3</sup> .....	3,400	143	487	8.08	3,936
1962.....	3,500	156	547	5.56	3,043						

<sup>1</sup> Includes some quantities not marketed which are excluded in computing value (1,000 hundredweight): 3 in 1954, 28 in 1955, 5 in 1956, 11 in 1957, 13 in 1958, 14 in 1961, 20 in 1964, 20 in 1965, and 21 in 1966.

<sup>2</sup> F.o.b. basis. <sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 255.

**Table 253.—Eggplant, commercial crop: Acreage, production, and value per hundredweight, by States, 1968-70**

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter: Florida.....	500	500	350	92	98	47	12.10	10.20	10.40
Spring: Florida.....	700	1,000	800	108	135	116	11.20	8.49	11.70
Summer: New Jersey.....	1,300	1,400	1,400	169	196	196	7.90	6.86	6.37
Fall: Florida.....	700	850	850	84	85	128	13.20	10.30	6.57
United States.....	3,200	3,750	3,400	453	514	487	10.50	8.50	8.08

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 254.—Escarole, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-70<sup>1</sup>**

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	5,200	138	717	4.06	2,486	1963.....	8,700	125	1,087	5.34	5,555
1955.....	5,400	139	751	4.05	2,960	1964.....	8,800	120	1,059	6.64	6,676
1956.....	5,750	128	738	4.52	3,284	1965.....	10,200	105	1,067	5.89	5,976
1957.....	6,750	111	774	4.61	3,570	1966.....	10,450	109	1,143	5.80	6,632
1958.....	6,400	113	758	5.53	4,188	1967.....	9,450	119	1,122	6.21	6,965
1959.....	8,000	123	1,010	4.90	4,466	1968.....	7,800	137	1,066	7.61	8,107
1960.....	7,850	129	1,015	5.12	4,784	1969.....	9,500	116	1,102	7.49	8,249
1961.....	8,100	126	1,020	5.19	4,898	1970 <sup>4</sup> .....	8,700	127	1,101	7.13	7,850
1962.....	8,200	120	990	6.47	6,339						

<sup>1</sup> Florida and New Jersey prior to 1959; beginning 1959, includes Ohio.

<sup>2</sup> Excludes 40,000 cwt. not marketed in 1968. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 104 in 1954, 21 in 1955, 12 in 1956, 99 in 1959, 80 in 1960, 76 in 1961, 46 in 1963, 53 in 1964, and 52 in 1965.

<sup>3</sup> F.o.b. basis. <sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 257.

Table 255.—Escarole, commercial crop: Acreage, production, and value per hundred-weight, by States, 1968-70

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter: Florida.....	5,600	7,300	6,600	2 756	803	792	7.70	7.34	6.81
Summer:									
New Jersey.....	1,200	1,200	1,200	210	204	210	6.60	7.67	7.55
Ohio.....	1,000	1,000	900	100	95	99	9.00	8.32	8.15
Total or average.....	2,200	2,200	2,100	310	299	309	7.37	7.88	7.74
United States.....	7,800	9,500	8,700	1,066	1,102	1,101	7.61	7.49	7.13

<sup>1</sup> Preliminary.

<sup>2</sup> Excludes the following quantity not harvested or not marketed because of economic conditions (1,000 hundredweight): 1968—winter, Florida, 40.

Statistical Reporting Service.

Table 256.—Honeydew melons, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-70

Year	Acreage for harvest	Yield per acre	Production	Value <sup>1</sup>		Year	Acreage for harvest	Yield per acre	Production	Value <sup>1</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	13,000	135	1,756	4.78	8,385	1963.....	8,150	159	1,299	5.81	7,553
1955.....	13,600	115	1,559	4.74	7,387	1964.....	9,800	134	1,312	5.49	7,206
1956.....	12,700	130	1,647	4.44	7,310	1965.....	10,300	145	1,496	5.62	8,411
1957.....	9,250	133	1,227	5.32	6,523	1966.....	9,100	134	1,216	6.63	8,062
1958.....	11,170	114	1,270	4.66	5,918	1967.....	11,300	140	1,577	5.82	9,186
1959.....	8,560	141	1,251	5.58	6,982	1968.....	10,300	134	1,379	6.75	9,305
1960.....	9,900	139	1,379	4.95	6,827	1969.....	13,800	143	1,969	5.86	11,544
1961.....	9,500	139	1,322	5.64	7,454	1970 <sup>1</sup> .....	13,200	146	1,931	5.66	10,925
1962.....	9,500	130	1,237	4.63	5,731						

<sup>1</sup> F.o.b. basis.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 259.

Table 257.—Honeydew melons, commercial crop: Acreage, production, and value per hundredweight, by States, 1968-70

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Spring: Texas.....	2,100	3,500	2,500	147	263	213	10.00	7.60	9.24
Early summer: Arizona.....	750	1,200	1,100	79	204	182	8.00	4.53	8.28
Late summer: California.....	7,450	9,100	9,600	1,153	1,502	1,536	6.25	5.74	4.85
United States.....	10,300	13,800	13,200	1,379	1,969	1,931	6.75	5.86	5.66

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 258.—Garlic, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-70<sup>1</sup>**

Year	Acreage for harvest	Yield per acre	Production	Value		Year	Acreage for harvest	Yield per acre	Production	Value	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	1,950	75	146	11.45	1,672	1963.....	4,100	100	410	9.06	3,715
1955.....	2,500	85	212	10.13	2,147	1964.....	4,400	115	506	9.38	4,746
1956.....	2,400	90	216	10.43	2,252	1965.....	4,600	120	552	8.40	4,636
1957.....	2,300	85	196	9.24	1,812	1966.....	3,500	100	350	8.27	2,894
1958.....	2,900	75	218	10.41	2,269	1967.....	4,400	115	506	10.10	5,120
1959.....	3,200	85	272	9.47	2,576	1968.....	6,400	125	800	8.99	7,192
1960.....	5,400	85	459	8.45	3,879	1969.....	7,300	120	876	8.44	7,397
1961.....	3,600	80	288	8.76	2,523	1970 <sup>2</sup> .....	5,600	120	728	9.40	6,844
1962.....	2,700	105	284	10.79	3,064						

<sup>1</sup> California only. Includes production for fresh market and processing.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 261.**Table 259.—Kale, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-68<sup>1</sup>**

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	2,700	71	192	3.05	558	1962.....	1,700	65	110	6.50	676
1955.....	2,700	68	184	4.45	819	1963.....	1,600	50	80	6.29	472
1956.....	2,600	70	182	3.85	701	1964.....	1,400	60	84	6.20	496
1957.....	2,500	70	175	4.00	700	1965.....	1,200	70	84	6.90	580
1958.....	2,200	65	143	5.80	829	1966.....	1,300	80	78	7.47	583
1959.....	2,300	70	161	4.00	644	1967.....	1,100	65	72	8.69	626
1960.....	1,800	75	135	5.80	783	1968.....	1,000	70	70	8.60	602
1961.....	2,000	75	150	5.40	751	1969 <sup>4</sup> .....					

<sup>1</sup> Virginia only. Includes production for fresh market and processing. <sup>2</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundredweight): 9 in 1954, 11 in 1961, 6 in 1962, 5 in 1963, and 4 in 1964. <sup>3</sup> F.o.b. basis. <sup>4</sup> Estimates discontinued.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 262.**Table 260.—Lettuce, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-70**

Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	206,420	151	31,255	4.03	125,245	1963.....	214,940	183	39,255	4.22	165,042
1955.....	210,900	156	32,937	4.20	138,465	1964.....	212,590	184	39,144	4.40	172,060
1956.....	229,080	156	35,693	3.76	132,860	1965.....	215,220	190	40,912	4.61	188,364
1957.....	234,150	147	34,506	4.05	139,271	1966.....	217,155	194	42,130	5.31	220,257
1958.....	225,100	153	34,349	3.80	129,107	1967.....	221,070	193	42,630	5.00	213,192
1959.....	221,610	159	35,182	3.94	134,482	1968.....	220,590	200	44,081	4.51	198,818
1960 <sup>3</sup> .....	222,564	174	38,631	4.14	144,785	1969.....	227,840	196	44,551	5.41	241,059
1961.....	218,049	175	38,054	3.45	124,994	1970 <sup>4</sup> .....	234,440	197	46,166	4.84	223,276
1962.....	198,021	190	37,554	4.36	161,772						

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 124 in 1967, 735 in 1968, 494 in 1969, and 915 in 1970. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 205 in 1954, 398 in 1956, 130 in 1957, 397 in 1958, 1,047 in 1959, 3,744 in 1960, 1,857 in 1961, 446 in 1962, 119.6 in 1963, 7.2 in 1964, 46 in 1965, and 673 in 1966. <sup>2</sup> F.o.b. basis.<sup>3</sup> Beginning 1960, includes Alaska and Hawaii; Alaska discontinued in 1968. <sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 263.

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**Table 261.—Lettuce, commercial crop: Acreage, production, and value per hundredweight, by States, 1968-70**

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
<b>Winter:</b>									
Florida.....	4,000	4,700	4,400	360	414	392	9.70	9.80	7.64
Texas.....	3,200	6,000	5,500	400	840	688	7.10	5.71	4.14
Arizona.....	14,000	16,100	17,400	2,660	3,059	2,958	5.40	6.84	4.96
California.....	49,000	50,900	54,200	8,820	8,908	10,027	4.25	5.23	4.12
Total or average.....	70,200	77,700	81,500	12,240	13,221	14,065	4.75	5.78	4.40
<b>Early spring:</b>									
North Carolina.....	350	300	250	145	136	33	4.05	4.50	4.70
New Mexico.....	4,600	4,800	3,000	1,754	1,720	420	2.95	3.58	2.82
Arizona.....	17,800	20,000	20,500	3,115	3,600	3,383	4.95	6.78	4.06
California.....	22,600	17,700	23,900	5,085	3,804	5,378	3.30	4.74	3.69
Total or average.....	45,350	42,800	47,650	8,999	8,250	9,214	3.85	5.53	3.79
<b>Late spring:</b>									
Massachusetts.....	600	550	550	93	88	88	7.40	8.16	9.63
Connecticut.....	470	370	350	63	52	53	8.20	9.73	9.39
New Jersey.....	2,600	2,500	2,400	403	400	360	3.55	3.77	3.91
Total or average.....	3,670	3,420	3,300	559	540	501	4.72	5.06	5.50
<b>Summer:</b>									
New York.....	3,750	3,200	3,400	1,618	544	612	4.90	4.47	6.52
Ohio.....	1,060	1,000	950	135	125	124	13.60	15.40	14.40
Michigan.....	1,400	1,400	1,400	238	280	260	5.80	5.82	6.14
Wisconsin.....	1,700	1,500	1,400	357	300	294	5.30	4.82	7.89
Colorado.....	5,100	4,400	4,100	918	902	902	3.95	3.43	5.76
Washington.....	1,700	1,600	1,700	306	296	306	4.85	4.94	5.95
Oregon.....	600	600	600	90	108	108	5.20	5.05	5.67
California.....	30,200	33,700	32,500	9,211	9,268	10,263	4.00	3.72	4.59
Total or average.....	45,450	47,400	46,050	11,873	11,823	11,875	4.26	3.98	5.04
<b>Early fall:</b>									
New Jersey.....	1,400	1,200	1,300	252	222	234	5.90	5.36	5.56
Texas.....	3,000	1,500	1,600	450	195	208	6.00	5.91	5.64
New Mexico.....	6,400	5,100	4,300	1,440	1,071	860	4.70	7.54	5.10
California.....	31,000	35,200	35,000	5,890	6,688	10,825	4.65	5.30	6.51
Total or average.....	41,800	43,000	42,200	8,032	8,176	8,127	4.77	5.61	6.31
<b>Late fall:</b>									
Arizona.....	13,600	13,100	13,300	2,312	2,489	2,328	5.90	9.15	5.10
All groups.....	220,070	227,420	234,000	44,015	44,409	46,110	4.50	5.40	4.83
<b>Hawaii.....</b>	520	420	440	66	52	56	12.90	13.60	13.20
United States.....	220,590	227,840	234,440	44,081	44,551	46,166	4.51	5.41	4.84

<sup>1</sup> Preliminary.

<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1968—early spring, North Carolina, 15; New Mexico, 546; summer, New York, 174; 1969—early spring, North Carolina, 14, and New Mexico, 480; 1970—summer, California, 620; early fall, California, 295.

Statistical Reporting Service.



**Table 262.—Onions, commercial crop: Acreage, production, shrinkage and loss, and value per hundredweight, by States, 1968-70 <sup>1</sup>**

Season and State	Acreage			Production			Shrinkage and loss <sup>2</sup>			Value per unit		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Early spring: Texas	21,500	21,000	20,000	2,472	3,045	3,300	-----	-----	-----	6.85	3.23	5.84
Late spring:												
Texas.....	200	0	0	10	0	0	-----	-----	-----	4.10	0	0
Arizona.....	3,100	2,000	2,400	992	750	864	-----	-----	-----	3.36	3.16	4.30
California.....	6,000	5,900	6,400	1,740	1,652	1,888	-----	-----	-----	4.60	4.04	4.27
Total or average	9,300	7,900	8,800	2,742	2,402	2,752	-----	-----	-----	4.15	3.77	4.28
Early summer:												
New Jersey.....	2,400	2,100	2,000	432	368	350	-----	-----	-----	4.10	5.24	5.30
Texas.....	8,000	6,500	5,300	1,400	1,430	1,511	-----	-----	-----	4.69	4.60	5.13
New Mexico.....	4,100	3,400	2,700	1,230	935	783	-----	-----	-----	4.00	3.52	4.53
Washington.....	500	550	750	200	209	255	-----	-----	-----	3.75	4.37	4.02
Total or average	15,000	12,550	10,750	3,262	2,942	2,899	-----	-----	-----	4.29	4.32	4.89
Late summer:												
New York.....	13,400	13,200	14,100	3,752	3,762	4,935	452	442	592	3.32	5.07	3.13
Ohio.....	600	500	600	240	155	243	23	14	24	4.10	5.30	3.72
Indiana.....	900	1,100	1,000	279	330	265	32	28	24	3.17	5.76	3.15
Michigan.....	6,900	6,700	7,200	2,242	2,010	2,304	432	230	369	3.25	5.04	2.80
Wisconsin.....	1,800	1,600	1,700	450	320	425	65	43	64	2.96	4.53	2.90
Minnesota.....	1,000	900	850	265	225	187	101	44	49	2.90	5.09	3.10
Colorado.....	6,100	5,500	5,700	1,769	1,760	1,653	389	405	364	3.80	4.97	3.80
Utah.....	750	900	1,000	218	270	300	38	30	39	2.30	4.63	2.30
Washington.....	1,200	1,100	1,200	480	468	450	150	83	108	3.15	5.36	3.35
Western Oregon.....	2,100	2,100	2,100	882	914	861	272	94	146	1.70	4.40	2.60
Eastern Oregon.....	4,700	4,400	4,700	2,374	2,134	2,115	-----	-----	-----	2.53	5.19	3.08
Idaho.....	4,100	3,700	4,300	1,968	1,684	1,978	-----	-----	-----	2.52	5.19	3.10
Idaho and Eastern Oregon (total)	8,800	8,100	9,000	4,342	3,818	4,093	975	688	778	2.53	5.19	3.09
California.....	16,300	17,600	17,400	5,298	5,896	5,742	198	146	172	2.64	2.78	2.69
Total or average	59,850	59,300	61,850	20,217	19,928	21,458	3,127	2,247	2,729	2.92	4.31	2.98
United States..	105,650	100,750	101,400	28,693	28,317	30,409	3,127	2,247	2,729	3.60	4.14	3.65

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Preliminary.<sup>3</sup> Late summer storage crop only.

Statistical Reporting Service.

Table 263.—Onions, commercial crop: Acreage, yield, production, shrinkage and loss, value per hundredweight, total value, stocks, and foreign trade, United States, 1954-71<sup>1</sup>

Year	Stocks in storage Jan. 1			Acreage for harvest	Yield per acre	Production <sup>1</sup>	Shrinkage and loss	Value <sup>2</sup>		Foreign trade, year beginning July	
	In common storage <sup>3</sup>	In cold storage	Total					Per cwt.	Total	Domestic exports	Imports
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Acres	Cwt.	1,000 cwt.	1,000 cwt.	Dollars	1,000 dollars	1,000 cwt.	1,000 cwt.
1954.....	5,737	589	6,326	116,060	191	22,174	-----	2.26	49,909	1,630	179
1955.....	4,535	516	5,051	114,130	187	21,388	-----	2.49	53,247	1,546	236
1956.....	3,898	565	4,463	123,750	197	24,426	-----	2.88	67,382	1,784	278
1957.....	4,294	341	4,635	110,410	221	24,364	-----	2.99	71,688	1,467	577
1958.....	4,051	406	4,457	107,000	222	23,784	-----	3.51	81,540	1,505	558
1959.....	3,852	512	4,364	113,530	226	25,609	3,329	2.53	54,736	1,364	314
1960.....	4,891	424	5,315	102,580	258	26,457	2,976	2.44	56,367	1,190	437
1961.....	4,883	409	5,292	91,340	258	23,600	2,219	4.05	86,365	865	757
1962.....	4,125	262	4,387	96,330	268	25,789	2,731	2.85	65,794	1,431	390
1963.....	4,668	359	5,027	95,650	270	25,781	2,393	3.51	82,197	969	515
1964.....	4,369	274	4,643	99,660	260	25,959	2,375	2.86	65,540	1,105	433
1965.....	4,553	291	4,844	97,270	289	28,080	3,828	3.21	77,955	1,138	552
1966.....	5,544	250	5,794	93,880	264	24,751	2,247	4.77	107,422	1,675	567
1967.....	4,079	206	4,285	102,880	278	28,562	2,210	3.95	104,017	1,318	921
1968.....	4,591	202	4,793	105,630	272	28,693	3,127	3.60	92,142	1,193	314
1969.....	5,237	214	5,451	100,750	281	28,317	2,247	4.14	107,841	1,614	837
1970.....	4,392	185	4,577	101,400	300	30,409	2,729	3.65	101,010	-----	-----
1971 <sup>4</sup> .....	5,507	149	5,656	-----	-----	-----	-----	-----	-----	-----	-----

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing. <sup>2</sup> Grower and local dealer stocks. <sup>3</sup> Excludes 257,000 cwt. not marketed in 1967. Prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 hundredweight): 98 in 1954, 1,006 in 1956, 384 in 1957, 563 in 1958, 573 in 1959, 380 in 1960, 35 in 1961, and 644 in 1964. <sup>4</sup> F.o.b. basis. <sup>5</sup> Includes Hawaii from 1960 through 1967. <sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 266. Foreign trade data from reports of the U.S. Department of Commerce.

Table 264.—Peas, green, commercial crop: Acreage, yield, production, value per hundredweight and per ton, and total value, United States, 1954-70

Year	For fresh market				For processing			
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Acreage harvested	Yield per acre	Production
				Per cwt.	Total			
	Acres	Cwt. <sup>4</sup>	1,000 cwt. <sup>4</sup>	Dollars	1,000 dollars	Acres	Pounds <sup>5</sup>	Tons <sup>5</sup>
1954.....	13,730	30	417	8.17	3,407	427,020	1,876	400,470
1955.....	11,760	37	434	8.11	3,478	435,200	2,095	455,910
1956.....	9,850	34	333	8.89	2,959	474,020	2,301	545,360
1957.....	7,900	39	310	9.35	2,898	454,510	2,454	557,680
1958.....	8,600	28	243	8.08	1,923	378,400	2,568	485,810
1959.....	7,350	37	273	10.17	2,777	346,730	2,730	473,200
1960.....	6,650	37	244	9.30	2,269	345,990	2,575	445,390
1961.....	6,100	40	244	9.56	2,333	401,480	2,543	510,510
1962.....	5,300	43	229	10.44	2,390	407,090	2,587	526,640
1963.....	4,750	39	183	10.78	1,972	422,170	2,447	516,860
1964.....	4,650	45	203	10.05	2,041	417,410	2,313	482,700
1965.....	3,100	39	120	11.15	1,338	441,630	2,726	601,910
1966.....	2,000	35	70	13.31	932	434,080	2,346	509,100
1967.....	1,800	38	68	12.60	854	458,220	2,580	590,550
1968.....	2,000	30	59	15.00	884	452,090	2,580	582,400
1969.....	-----	-----	-----	-----	-----	404,150	2,600	524,400
1970 <sup>6</sup> .....	-----	-----	-----	-----	-----	383,830	2,480	476,250

<sup>1</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundredweight): 5 in 1955 and 5 in 1958. <sup>2</sup> F.o.b. basis. <sup>3</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point. <sup>4</sup> In the shell. <sup>5</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas. <sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 267.

**Table 265.—Peas, green (for processing), commercial crop: Acreage, production, and value per ton, by States, 1968-70**

Utilization, region, and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons <sup>2</sup></i>	<i>Tons <sup>2</sup></i>	<i>Tons <sup>2</sup></i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Delaware.....	7,300	5,600	5,800	11,750	7,300	10,800	102.00	106.00	109.00
Maryland.....	10,500	8,700	7,100	15,750	13,300	10,100	125.00	114.00	109.00
Other States <sup>3</sup> .....	29,010	22,720	21,910	44,400	31,800	33,400	109.00	107.00	116.00
<b>Total Eastern.....</b>	<b>46,810</b>	<b>37,020</b>	<b>34,810</b>	<b>71,900</b>	<b>52,400</b>	<b>54,300</b>	<b>111.00</b>	<b>109.00</b>	<b>113.00</b>
Wisconsin.....	130,400	113,800	118,600	156,500	134,300	137,600	100.00	104.00	110.00
Minnesota.....	65,000	63,200	66,200	80,600	69,500	71,500	115.00	118.00	110.00
Other States <sup>4</sup> .....	38,080	33,610	31,960	62,350	46,750	39,450	113.00	116.00	117.00
<b>Total Central.....</b>	<b>233,480</b>	<b>210,610</b>	<b>216,790</b>	<b>299,450</b>	<b>250,550</b>	<b>248,550</b>	<b>107.00</b>	<b>110.00</b>	<b>111.00</b>
Idaho.....	16,500	15,100	13,700	19,000	15,850	14,950	93.90	90.90	91.90
Washington.....	90,100	81,700	63,300	127,950	126,650	95,600	104.00	101.00	107.00
Oregon.....	48,400	47,300	43,700	36,100	58,200	42,400	108.00	101.00	99.90
California.....	11,900	7,900	6,900	19,750	14,000	13,200	127.00	114.00	119.00
Other States <sup>5</sup> .....	4,900	4,520	4,650	8,250	6,750	7,250	108.00	102.00	98.50
<b>Total Western.....</b>	<b>171,800</b>	<b>156,520</b>	<b>132,250</b>	<b>211,050</b>	<b>221,450</b>	<b>173,400</b>	<b>106.00</b>	<b>101.00</b>	<b>105.00</b>
<b>United States.....</b>	<b>452,090</b>	<b>404,150</b>	<b>383,850</b>	<b>582,400</b>	<b>524,400</b>	<b>476,250</b>	<b>107.00</b>	<b>106.00</b>	<b>109.00</b>

<sup>1</sup> Preliminary.<sup>2</sup> Shelled basis; 2½ pounds of peas in the shell produce approximately 1 pound of shelled peas.<sup>3</sup> Maine, New York, New Jersey, Pennsylvania, Virginia, and North Carolina.<sup>4</sup> Ohio, Indiana, Illinois, Michigan, Iowa, and Tennessee.<sup>5</sup> Montana, Wyoming, Colorado, and Utah.

Statistical Reporting Service.

**Table 266.—Peppers, green, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-70 <sup>1</sup>**

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	47,950	61	2,902	7.45	21,193	1963.....	44,110	90	3,965	7.83	31,193
1955.....	45,140	72	3,240	7.19	22,364	1964.....	43,050	90	3,891	9.74	37,715
1956.....	40,540	75	3,044	8.20	24,965	1965.....	45,550	88	3,989	9.81	38,206
1957.....	44,930	72	3,240	8.93	28,938	1966.....	45,660	84	4,101	10.24	41,364
1958.....	40,640	71	2,881	9.22	26,146	1967.....	47,280	92	4,351	10.60	46,101
1959.....	46,530	71	3,308	9.06	29,973	1968.....	51,950	94	4,875	10.40	50,698
1960 <sup>4</sup> .....	45,880	79	3,633	7.97	28,488	1969.....	53,050	82	4,368	12.10	52,649
1961.....	47,230	84	3,989	7.76	30,514	1970 <sup>5</sup> .....	48,800	75	3,679	12.10	44,651
1962.....	43,280	86	3,715	8.67	32,223						

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing.<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundredweight): 59 in 1954, 130 in 1955, 44 in 1958, 59 in 1960, 55 in 1961, 17 in 1964, 96 in 1965, and 62 in 1966.<sup>3</sup> F.o.b. basis.<sup>4</sup> Includes Hawaii from 1960 through 1967.<sup>5</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 269.

Table 267.—Peppers, green, commercial crop: Acreage, production, and value per hundred-weight, by States, 1968-70<sup>1</sup>

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter: Florida.....	6,900	6,800	3,300	828	618	224	12.50	14.70	25.30
Spring:									
Florida.....	6,900	7,800	6,600	724	780	416	15.00	12.00	20.30
Texas.....	1,100	1,800	1,800	77	126	126	12.80	15.50	18.20
Total or average.....	8,000	8,600	8,400	801	906	542	14.80	12.50	19.80
Early summer:									
North Carolina.....	7,400	7,700	8,000	274	270	280	10.10	10.80	11.30
Louisiana.....	1,200	1,100	1,200	60	55	72	10.40	11.60	13.40
Total or average.....	8,600	8,800	9,200	334	325	352	10.20	10.90	11.70
Late summer:									
Massachusetts.....	550	550	600	50	44	51	11.50	12.80	11.60
New York.....	800	700	800	48	46	60	12.20	12.40	12.50
New Jersey.....	7,500	8,000	6,500	450	440	429	8.99	8.43	8.14
Ohio.....	1,500	1,300	1,400	112	98	126	9.20	11.70	8.96
Michigan.....	1,300	1,600	1,500	98	120	105	9.49	11.60	9.48
California.....	8,000	7,800	7,000	1,440	1,170	1,085	7.41	9.36	9.16
Total or average.....	19,650	19,950	17,800	2,198	1,918	1,856	8.11	9.56	9.10
Fall:									
Virginia.....	1,600	1,100	1,000	66	39	35	6.76	7.10	7.43
Florida.....	2,400	2,900	3,100	192	218	310	13.40	23.20	11.10
Texas.....	4,800	4,200	6,000	456	344	360	9.80	14.50	9.79
Total or average.....	8,800	8,200	10,100	714	601	705	10.50	17.20	10.20
United States.....	51,950	53,050	48,800	4,875	4,368	3,679	10.40	12.10	12.10

<sup>1</sup> Mostly for fresh market use, but includes some quantities used for processing. <sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 268.—Potatoes: Acreage, yield, production, value, and foreign trade, United States, 1954-70

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production <sup>1</sup>	Season average price per cwt. received by farmers <sup>2</sup>	Farm value	Whole-sale price per cwt. at New York <sup>3</sup>	Foreign trade, year beginning July	
								Domestic exports	Imports for consumption
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Dollars</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
1954.....	1,354	1,211	168.5	204,113	2.27	355,880	3.52	4,028	595
1954.....	1,431	1,413	155.4	219,547	2.15	474,705	3.20	4,274	1,068
1955.....	1,452	1,405	162.1	227,696	1.77	405,439	2.99	3,755	2,366
1956.....	1,392	1,371	179.3	245,792	2.02	493,014	2.61	3,153	1,582
1957.....	1,404	1,359	178.4	242,522	1.91	467,865	3.42	2,555	3,205
1958.....	1,461	1,428	186.9	266,897	1.31	349,674	2.32	3,063	991
1959.....	1,800	1,800	187	334,140	2.27	555,880	3.52	4,028	595
1959.....	1,354	1,331	184	245,272	2.27	555,880	3.52	4,028	595
1960.....	1,400	1,386	185	257,104	2.00	513,426	2.58	2,507	715
1961.....	1,511	1,480	198	293,166	1.36	399,653	2.34	2,347	871
1962.....	1,378	1,347	197	264,810	1.67	441,063	2.52	3,359	912
1963.....	1,337	1,323	205	271,158	1.78	482,534	3.36	1,699	296
1964.....	1,174	1,174	189	221,874	3.50	846,016	4.91	1,617	348
1964.....	1,311	1,272	190	241,076	2.52	730,750	3.52	2,855	113
1965.....	1,419	1,384	210	291,169	2.04	619,784	3.17	2,247	274
1966.....	1,497	1,464	210	305,334	1.86	565,793	2.63	3,592	128
1967.....	1,497	1,457	214	293,984	2.23	693,940	3.17	2,569	264
1968.....	1,410	1,413	221	311,903	2.23	693,974	3.77	2,971	185
1969.....	1,456	1,413	221	311,903	2.23	693,974	3.77	2,971	185
1970 <sup>4</sup> .....	1,453	1,425	228	324,861	2.20	711,651	3.77	2,971	185

See footnotes on page 185.

## VEGETABLES AND MELONS, 1971

Table 269.—Potatoes: Acreage, production, and season average price per hundredweight received by farmers, by States, 1968-70

Season and State	Acreage harvested			Production			Price for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Winter:									
Florida.....	11.4	11.0	10.3	1,995	1,980	1,627	3.90	3.80	5.02
California.....	10.5	8.8	8.5	1,890	1,848	1,955	2.49	2.93	2.97
Total.....	21.9	19.8	18.8	3,885	3,828	3,582			
Early spring:									
Florida:									
Hastings.....	27.4	26.3	24.5	4,384	4,866	4,043	3.16	2.80	3.40
Other.....	3.1	3.1	1.9	388	418	266	3.50	3.20	4.29
Texas.....	2.6	3.1	3.2	247	403	448	5.64	4.12	5.16
Total.....	33.1	32.5	29.6	5,019	5,687	4,757			
Late spring:									
North Carolina:									
8 N.E. counties.....	9.5	10.0	10.0	1,425	1,350	1,500	3.39	2.45	3.17
Other counties.....	2.2	2.4	2.4	264	288	240	2.88	2.62	3.30
Alabama.....	10.5	10.0	7.9	1,365	1,120	1,027	2.58	2.92	4.09
Mississippi.....	2.5	2.5	2.5	188	200	213	3.80	3.50	3.25
Arkansas.....	1.8	1.8	1.4	126	126	91	3.40	3.50	4.60
Louisiana.....	2.2	3.0	2.6	145	225	195	2.70	2.00	2.50
Texas.....	5.0	5.0	4.8	525	500	576	4.41	4.23	4.79
Arizona.....	10.1	12.8	11.3	2,323	2,944	2,712	3.15	2.90	3.15
California.....	38.6	41.0	38.2	14,089	14,553	14,516	2.99	2.41	3.09
Total.....	82.4	88.5	81.1	20,450	21,308	21,070			
Early summer:									
Missouri.....	2.0	1.0	.7	240	110	77	2.50	2.75	2.90
Kansas.....	1.3	1.2	1.2	124	108	120	3.00	2.80	3.00
Delaware.....	8.1	8.0	7.2	1,539	1,680	1,512	2.15	2.20	2.38
Maryland.....	1.9	1.8	1.7	323	288	289	2.16	2.10	2.40
Virginia:									
Eastern Shore.....	27.6	28.4	28.6	4,002	3,607	3,718	2.53	2.54	3.30
Other.....	2.5	2.3	2.0	250	230	200	2.41	2.58	2.94
North Carolina.....	1.8	2.0	2.0	171	230	220	3.00	3.22	3.13
Kentucky.....	3.0	2.7	2.5	195	197	165	3.30	3.70	4.15
Tennessee.....	3.7	3.8	3.8	314	353	361	3.60	3.85	4.25
Alabama.....	8.0	9.0	9.0	964	1,170	1,125	3.05	2.53	3.78
Texas.....	19.0	19.1	18.3	3,610	3,534	3,599	3.00	3.34	3.82
California.....	6.4	5.5	5.0	2,240	1,980	1,650	2.52	2.04	3.57
Total.....	85.3	84.8	82.0	13,992	13,487	13,006			
Late summer:									
New York, L.I.....	6.5	7.0	7.7	1,658	1,820	2,002	1.80	2.02	2.09
New Jersey.....	14.0	13.0	12.1	3,570	3,250	3,207	2.19	2.42	2.65
Ohio.....	3.4	3.2	3.2	646	640	656	2.08	2.54	2.29
Indiana.....	1.0	.9	.8	155	171	152	3.11	3.65	3.85
Illinois.....	2.3	2.0	2.0	414	340	320	2.65	2.40	2.85
Michigan.....	11.1	10.8	10.8	1,942	2,052	2,268	2.28	3.09	2.83
Wisconsin.....	15.5	15.5	15.5	3,255	3,410	3,643	1.95	2.35	2.19
Minnesota.....	7.4	7.9	7.8	1,739	1,975	1,950	2.10	2.38	3.17
Iowa.....	3.2	2.5	3.1	576	462	589	2.80	2.60	2.70
Nebraska.....	2.5	2.2	2.5	400	396	413	2.08	2.32	1.35
Maryland.....	7	7	7	91	98	98	2.58	2.21	2.40
Virginia.....	1.0	.9	.9	80	81	72	3.00	3.10	3.00
West Virginia.....	5.2	4.9	4.6	390	368	345	2.65	2.75	3.00
North Carolina.....	.9	1.0	.9	126	145	99	2.95	3.01	3.23
Colorado.....	13.5	13.1	16.0	3,038	2,948	3,600	1.92	2.11	2.00
New Mexico.....	4.3	2.9	2.4	774	478	552	2.40	2.38	2.61
Washington.....	22.5	20.7	26.0	7,988	7,866	8,580	1.59	1.69	1.86
California.....	8.6	7.7	6.1	3,010	2,618	2,135	2.17	2.28	3.17
Total.....	123.6	116.9	123.1	29,832	29,118	30,681			

See footnotes at end of table.

Table 269.—Potatoes: Acreage, production, and season average price per hundredweight received by farmers, by States, 1968-70—Continued

Season and State	Acreage harvested			Production			Price for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
<b>Fall:</b>									
Maine.....	155.0	156.0	150.0	36,425	35,100	35,700	1.85	2.20	1.80
New Hampshire.....	1.0	.9	.8	230	176	184	2.70	2.90	2.80
Vermont.....	1.5	1.3	1.2	285	254	240	2.80	2.90	2.90
Massachusetts.....	5.6	5.0	5.1	1,036	950	1,046	2.40	2.70	2.80
Rhode Island.....	5.6	5.2	5.4	1,260	1,326	1,323	2.35	2.60	2.70
Connecticut.....	5.7	5.4	4.9	1,254	1,215	1,127	2.40	2.80	2.70
<b>New York:</b>									
Long Island.....	27.7	26.2	23.3	7,340	6,812	6,291	2.00	2.37	2.40
Upstate.....	35.5	35.5	33.6	8,342	8,342	8,568	2.71	3.30	2.70
Pennsylvania.....	37.0	35.5	34.5	7,585	7,810	8,280	2.60	3.19	2.60
<b>8 Eastern.....</b>	<b>274.6</b>	<b>271.0</b>	<b>258.8</b>	<b>63,757</b>	<b>61,985</b>	<b>62,759</b>			
Ohio.....	12.3	11.0	11.7	2,583	1,925	2,516	2.23	2.42	2.30
Indiana.....	5.8	5.7	5.7	1,363	1,396	1,653	2.34	2.63	2.50
Michigan.....	29.0	28.7	29.1	6,525	6,744	7,566	2.20	2.60	2.50
Wisconsin.....	38.5	37.5	36.5	8,855	9,000	9,125	2.91	2.81	2.60
Minnesota.....	87.0	90.0	88.0	12,180	13,500	11,440	1.56	1.61	1.50
North Dakota.....	108.0	113.0	116.0	13,660	16,159	17,400	1.35	1.61	1.50
South Dakota.....	5.4	5.1	7.5	621	561	713	1.74	2.13	2.10
Nebraska.....	7.0	7.2	7.0	1,820	1,908	1,750	1.14	.91	1.10
<b>8 Central.....</b>	<b>293.0</b>	<b>298.2</b>	<b>301.5</b>	<b>49,607</b>	<b>51,193</b>	<b>52,163</b>			
Montana.....	8.1	7.5	7.5	1,498	1,388	1,388	3.95	3.77	3.20
Idaho:									
10 S.W. counties.....	29.0	30.0	34.0	7,830	9,600	10,200	1.60	1.80	1.80
Other counties.....	265.0	287.0	293.0	51,675	60,270	62,995	2.46	2.05	2.00
Wyoming.....	3.8	3.4	3.6	908	878	612	1.35	2.11	2.10
Colorado.....	34.5	37.0	37.0	8,280	8,695	9,990	1.57	1.82	1.70
Utah.....	6.7	7.4	6.4	1,072	1,332	1,088	2.73	2.60	2.60
Washington.....	41.5	51.0	61.0	16,185	21,930	25,010	1.71	1.55	1.50
Oregon:									
Malheur County.....	16.5	15.5	21.5	4,208	4,572	6,126	1.50	1.78	1.80
Other counties.....	30.0	34.0	36.1	7,800	8,840	9,928	2.20	2.13	1.90
California.....	27.1	28.9	29.7	8,266	8,092	9,504	2.97	2.88	2.70
<b>9 Western.....</b>	<b>462.2</b>	<b>501.7</b>	<b>529.8</b>	<b>107,422</b>	<b>125,297</b>	<b>136,843</b>			
<b>Total fall.....</b>	<b>1,029.8</b>	<b>1,070.9</b>	<b>1,090.1</b>	<b>220,786</b>	<b>238,475</b>	<b>251,765</b>			
<b>United States.....</b>	<b>1,376.1</b>	<b>1,413.4</b>	<b>1,424.7</b>	<b>293,984</b>	<b>311,903</b>	<b>324,861</b>	<b>2.23</b>	<b>2.23</b>	<b>2.20</b>

<sup>1</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 268

<sup>1</sup> Excludes 78,000 cwt. not marketed in 1967. Prior to 1967, included the following quantities unharvested and/or not marketed and which were excluded in computing price and value (1,000 hundredweight): 1,147 in 1955, 534 in 1957, 934 in 1958, 248 in 1959, 48 in 1961, 333 in 1963, and 925 in 1966.

<sup>2</sup> Obtained by weighting States prices by quantity sold.

<sup>3</sup> Prices are of eastern potatoes weighted by unloads, seasons September-May. Price data are for Maine and Long Island potatoes only.

<sup>4</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 271.



Table 270.—Potatoes, Acreage, yield, and production in specified countries, 1968-70<sup>1</sup>

Continent and country	Acreage			Yield per acre			Production		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	Cwt.	Cwt.	Cwt.	Million cwt.	Million cwt.	Million cwt.
North America:									
Canada.....	303	306	314	175	170	170	52.9	51.9	53.3
Mexico.....	99	119	124	89	107	106	8.8	12.7	13.2
United States.....	1,376	1,413	1,425	214	221	228	294.0	311.9	324.9
Total.....	1,778	1,838	1,863	200	205	210	355.7	376.5	391.4
South America:									
Argentina.....	494	501	468	88	103	110	43.4	51.6	51.5
Brazil.....	561	546	568	63	61	62	35.4	33.2	35.3
Venezuela.....	42	42	42	83	64	69	3.5	2.7	2.9
Total.....	1,097	1,089	1,078	75	90	83	82.3	87.5	89.7
Europe:									
Austria.....	321	279	272	239	232	219	76.6	64.8	59.6
Belgium and Luxembourg.....	143	128	138	250	266	266	35.8	34.0	36.7
Denmark.....	86	84	91	222	174	251	19.1	14.6	22.8
Finland.....	159	144	149	143	149	168	22.7	21.5	25.0
France.....	1,161	1,035	1,033	191	192	191	221.2	199.1	196.8
Germany, West.....	1,629	1,455	1,475	260	242	243	423.2	382.4	358.2
Greece.....	116	128	133	118	123	132	13.7	15.8	17.6
Ireland.....	146	136	136	245	240	240	35.8	32.7	32.6
Italy.....	788	756	729	111	116	116	87.3	87.6	84.9
Netherlands.....	363	358	390	305	290	319	111.2	103.7	124.5
Norway.....	86	79	84	234	215	214	20.1	17.0	18.0
Portugal.....	259	235	235	92	106	113	23.9	24.8	26.6
Spain.....	941	954	1,001	106	109	108	100.2	104.0	108.0
Sweden.....	139	131	146	236	156	260	32.8	20.5	38.0
Switzerland.....	90	79	77	311	273	281	28.0	21.6	21.6
United Kingdom.....	707	615	670	214	223	230	151.5	137.0	154.3
Total Western Europe.....	7,134	6,596	6,759	197	190	196	1,403.1	1,251.1	1,325.2
Poland.....	6,788	6,716	6,738	165	147	164	1,120.3	990.6	1,106.0
Yugoslavia.....	820	815	815	78	85	80	63.7	69.3	65.4
U.S.S.R.....	20,512	20,015	20,633	99	101	103	2,027.5	2,023.4	2,129.6
Other Eastern Europe.....	3,806	3,506	3,646	142	114	133	541.6	399.4	483.3
Total Europe.....	39,060	37,648	38,591	132	126	132	5,156.2	4,733.5	5,109.5
Asia:									
Japan.....	465	437	390	192	180	201	89.4	78.8	78.5
Grand total.....	42,400	41,012	41,922	134	129	135	5,683.6	5,276.6	5,669.1

<sup>1</sup> Years shown refer to year of harvest in the Northern Hemisphere and include the harvest immediately following in the Southern Hemisphere.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 271.—Potatoes: Production, seed used, and farm disposition, United States, 1960-69

Year	Production <sup>1</sup>	Total used for seed <sup>2</sup>	Disposition on farms where grown			
			Used on farms where grown			Sold from farms <sup>3</sup>
			For seed	Feed, shrinkage, and loss	For household use	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1960.....	257,104	22,310	7,560	15,911	5,310	238,323
1961.....	293,166	20,837	7,191	20,879	4,773	260,323
1962.....	264,810	20,084	5,955	16,967	3,955	237,933
1963.....	271,158	19,984	5,911	16,600	3,400	245,247
1964.....	241,076	21,566	7,363	12,205	2,776	218,732
1965.....	291,169	23,432	6,510	19,612	2,597	262,450
1966.....	306,902	24,286	8,113	31,384	2,378	265,027
1967.....	305,334	23,273	7,427	25,282	2,269	270,336
1968.....	293,984	24,392	6,985	20,913	2,114	263,972
1969 <sup>4</sup> .....	311,903	24,605	7,043	23,727	1,967	279,166

<sup>1</sup> Excludes 78,000 cwt. not marketed in 1967. Prior to 1967, included the following quantities not harvested or not marketed because of low prices (1,000 hundredweight): 48 in 1961, 333 in 1963, and 925 in 1966.

<sup>2</sup> Includes seed purchased and seed used on farms where grown.

<sup>3</sup> Consists of potatoes sold for all purposes including food, seed, processing, and livestock feed.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 274.

Table 272.—Potatoes: Utilization, United States, crop years 1965-69

Item	1965	1966	1967	1968	1969 <sup>1</sup>
SALES					
Table stock.....	1,000 cwt. 139,542	1,000 cwt. 133,856	1,000 cwt. 131,184	1,000 cwt. 124,537	1,000 cwt. 126,872
For processing:					
Chips and shoestrings.....	31,292	32,729	32,406	34,035	35,459
Dehydration.....	20,166	19,811	19,084	22,761	25,483
Frozen french fries.....	32,263	34,029	34,601	37,794	44,654
Other frozen products.....	5,039	5,602	5,008	6,768	6,899
Canned potatoes.....	1,728	1,961	1,821	2,192	2,066
Other canned products (hash, stews, soups)....	1,620	1,425	1,537	1,849	1,750
Starch and flour.....	8,081	11,001	12,049	7,752	8,801
Other sales:					
Livestock feed.....	5,797	8,440	16,800	8,877	9,620
Seed.....	16,922	16,173	15,846	17,407	17,582
Total.....	262,450	265,027	270,336	263,972	279,166
NON-SALES					
Seed used on farm where grown.....	6,510	8,113	7,427	6,985	7,043
Household use.....	2,597	2,378	2,289	2,114	1,967
Feed.....	2,179	2,930	2,781	2,068	1,495
Shrinkage and loss.....	17,433	28,454	22,501	18,845	22,232
Total.....	28,719	41,875	34,998	30,012	32,737
Grand total.....	291,169	306,902	305,334	293,984	311,903

<sup>1</sup> Preliminary.

Statistical Reporting Service.

## VEGETABLES AND MELONS, 1971

Table 273.—Potatoes: Production, seed used, and farm disposition, by seasonal groups, crop of 1969 (preliminary)

Season and State	Production	Total used for seed <sup>1</sup>	Disposition on farms where grown			
			For seed	Feed, shrinkage, and loss	For household use	Sold from farms <sup>2</sup>
Winter:	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Florida.....	1,980	286	.....	6	1	1,973
California.....	1,848	145	.....	83	1	1,764
Total.....	3,828	431	.....	89	2	3,737
Early spring:						
Florida:						
Hastings.....	4,866	515	.....	15	1	4,850
Other.....	418	38	.....	2	2	414
Texas.....	403	50	.....	4	.....	399
Total.....	5,687	603	.....	21	3	5,663
Late spring:						
North Carolina:						
8 N.E. counties.....	1,350	133	3	39	5	1,303
Other counties.....	288	26	1	8	54	225
Alabama.....	1,120	107	.....	17	2	1,101
Mississippi.....	200	22	.....	4	29	167
Arkansas.....	126	14	.....	3	46	77
Louisiana.....	225	25	.....	11	32	194
Texas.....	500	48	.....	8	3	460
Arizona.....	2,944	164	2	29	3	2,910
California.....	14,555	642	.....	291	2	14,262
Total.....	21,308	1,181	6	410	193	20,699
Early summer:						
Missouri.....	110	7	.....	3	70	37
Kansas.....	108	12	.....	4	22	82
Delaware.....	1,680	93	3	81	3	1,593
Maryland.....	288	21	1	9	2	276
Virginia:						
Eastern Shore.....	3,607	331	53	126	2	3,426
Other.....	230	22	1	7	48	174
North Carolina.....	230	21	2	6	65	157
Kentucky.....	197	21	4	10	135	48
Tennessee.....	353	34	5	11	74	263
Alabama.....	1,170	113	2	35	35	1,098
Texas.....	3,534	241	5	124	1	3,404
California.....	1,980	83	.....	59	.....	1,921
Total.....	13,487	990	76	475	457	12,479
Late summer:						
New York, L.I.....	1,820	104	.....	26	2	1,792
New Jersey.....	3,250	218	7	166	5	3,072
Ohio.....	640	51	3	20	58	559
Indiana.....	171	15	1	9	11	150
Illinois.....	340	34	3	11	14	312
Michigan.....	2,052	214	118	98	8	1,828
Wisconsin.....	3,410	235	82	105	28	3,195
Minnesota.....	1,975	117	.....	75	4	1,896
Iowa.....	462	38	11	39	55	357
Nebraska.....	396	31	2	36	23	335
Maryland.....	98	6	1	4	10	83
Virginia.....	81	8	2	4	56	19
West Virginia.....	368	41	12	18	181	157
North Carolina.....	145	9	2	6	43	94
Colorado.....	2,948	281	17	445	8	2,478
New Mexico.....	478	37	4	36	1	437
Washington.....	7,896	382	.....	314	7	7,545
California.....	2,618	112	34	73	.....	2,511
Total.....	29,118	1,933	299	1,485	514	26,820

See footnotes at end of table.

Table 273.—Potatoes: Production, seed used, and farm disposition, by seasonal groups, crop of 1969 (preliminary)—Continued

Season and State	Production	Total used for seed <sup>1</sup>	Disposition on farms where grown			
			For seed	Feed, shrinkage, and loss	For household use	Sold from farms <sup>2</sup>
Fall:	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Maine.....	35,100	3,650	2,482	2,527	51	30,040
New Hampshire.....	176	13	2	14	5	155
Vermont.....	254	19	7	21	9	217
Massachusetts.....	950	87	1	86	5	858
Rhode Island.....	1,326	88	.....	138	1	1,187
Connecticut.....	1,215	95	.....	85	3	1,127
New York:						
Long Island.....	6,812	445	.....	572	7	6,233
Upstate.....	8,342	770	216	559	70	7,497
Pennsylvania.....	7,810	630	95	617	130	6,968
§ Eastern.....	61,985	5,797	2,803	4,619	281	54,282
Ohio.....	1,925	183	5	131	29	1,760
Indiana.....	1,396	110	19	80	7	1,320
Michigan.....	6,744	512	128	384	76	6,156
Wisconsin.....	9,000	562	309	804	98	7,729
Minnesota.....	13,500	1,392	557	783	104	12,056
North Dakota.....	16,159	1,680	588	1,131	86	14,354
South Dakota.....	561	88	20	73	13	455
Nebraska.....	1,908	106	74	195	1	1,638
§ Central.....	51,193	4,633	1,700	3,611	414	45,468
Montana.....	1,388	124	77	230	13	1,068
Idaho:						
10 S. W. counties.....	9,600	578	35	1,152	2	8,411
Other counties.....	60,270	4,884	1,221	6,509	32	52,508
Wyoming.....	578	61	24	66	3	485
Colorado.....	8,695	675	493	1,826	6	6,370
Utah.....	1,332	96	34	200	8	1,090
Washington.....	21,930	1,062	42	1,228	20	20,640
Oregon:						
Malheur County.....	4,572	344	17	503	2	4,050
Other counties.....	8,840	600	150	935	15	7,720
California.....	8,082	604	86	348	2	7,676
§ Western.....	125,297	9,028	2,159	13,017	103	110,018
Total fall.....	238,475	19,458	6,662	21,247	798	209,788
United States.....	311,903	24,805	7,043	23,727	1,967	279,166

<sup>1</sup> Includes seed purchased and seed used on farms where grown.<sup>2</sup> Consists of potatoes sold for all purposes including food, seed, processing, and livestock feed.

Statistical Reporting Service.

Table 274.—Potatoes, white: United States exports by country of destination and imports by country of origin, 1967-69

Item and country	Year beginning July			Item and country	Year beginning July		
	1967	1968	1969		1967	1968	1969
<b>EXPORTS</b>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<b>EXPORTS—continued</b>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>
Europe: Total.....	2	4	7	Other countries—Continued			
Latin American Republics:				Netherlands	1	5	6
Argentina.....	21	23	8	Antilles.....	3	2	2
Mexico.....	105	26	222	Philippines.....	1	6	1
Panama.....	15	11	33	Saudi Arabia.....	55	52	43
Uruguay.....	172		85	West Indies.....	9	4	5
Venezuela.....				Others.....			
Others.....	1	1		Total.....	3,276	2,304	2,616
Total.....	314	61	348	Grand total.....	3,592	2,569	2,971
Other countries:				<b>IMPORTS</b>			
British Honduras.....	2		1	Certified seed:			
Canada.....	3,205	2,435	2,558	Canada.....	802	1,416	1,054
				Other potatoes:			
				Canada.....	481	1,220	792

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 275.—Shallots, commercial crop: Acreage, yield, production, value per hundred-weight, and total value, United States, 1954-68<sup>1</sup>

Year	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Year	Acreage for harvest	Yield per acre	Production	Value <sup>3</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	6,000	23	138	9.22	1,273	1962.....	950	25	24	6.63	159
1955.....	7,300	32	230	5.48	1,063	1963.....	1,000	29	29	10.10	293
1956.....	6,500	30	195	6.18	1,069	1964.....	870	29	25	9.76	244
1957.....	4,300	23	98	6.97	683	1965.....	900	31	28	11.04	309
1958.....	3,300	26	87	5.87	511	1966.....	800	31	25	11.92	298
1959.....	2,600	28	72	6.14	442	1967.....	950	34	32	12.30	394
1960.....	1,950	27	53	5.31	239	1968.....	1,020	36	37	12.00	444
1961.....	1,400	24	34	5.79	197	1969 <sup>4</sup> .....					

<sup>1</sup> Louisiana only.<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value (1,000 hundred-weight): 36 in 1955, 22 in 1956, and 8 in 1960.<sup>3</sup> F.o.b. basis.<sup>4</sup> Estimates discontinued.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 278.

**Table 276.—Spinach, commercial crop: Acreage, production, and value per hundredweight and per ton, by States, 1968-70**

Utilization, season, and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
<b>FOR FRESH MARKET <sup>2</sup></b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter:									
Texas.....	4,500	6,000	5,800	189	210	186	14.10	10.40	11.10
California.....	1,400	1,400	1,400	154	161	182	10.00	12.40	12.20
Total or average.....	5,900	7,400	7,200	343	371	368	12.30	11.30	11.60
Spring:									
New Jersey.....	900	900	800	63	63	56	6.80	6.80	7.32
Maryland and Virginia.....	1,300	1,550	1,500	58	72	70	7.74	7.76	10.50
Total or average.....	2,200	2,450	2,300	121	135	126	7.25	7.31	9.06
Summer: Colorado.....	1,100	1,100	750	77	77	53	12.60	13.30	14.10
Early fall: New Jersey.....	800	800	700	48	44	39	7.70	8.32	10.80
Late fall:									
Maryland and Virginia.....	1,300	1,450	1,000	63	77	35	8.21	9.72	12.70
United States.....	11,300	13,200	11,950	652	704	621	10.60	10.40	11.30
<b>FOR PROCESSING</b>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
Winter:									
Florida.....	1,900	1,300	1,500	9,300	8,800	5,700	42.00	40.60	45.50
California.....	8,700	6,800	7,800	78,300	55,750	72,550	36.60	37.00	37.80
Total or average.....	10,600	8,100	9,300	87,600	64,550	78,250	37.20	37.50	38.40
Spring:									
Arkansas.....	1,400	1,400	2,000	5,000	5,500	7,700	51.40	51.10	52.00
Oklahoma.....	2,100	1,650	2,800	5,700	5,400	10,500	50.00	50.00	50.80
Other States <sup>3</sup> .....	5,800	5,500	6,070	31,280	33,180	37,100	43.90	44.20	44.40
Total or average.....	9,300	8,400	10,870	41,980	44,050	55,300	45.60	45.70	46.70
Fall:									
Arkansas.....	1,700	1,500	1,200	6,100	4,950	2,900	51.60	50.50	51.00
Oklahoma.....	1,200	1,500	1,200	3,800	4,500	3,500	48.90	50.90	50.00
Other States <sup>4</sup> .....	2,580	2,790	2,580	14,300	15,550	13,000	50.30	48.40	46.50
Total or average.....	5,480	5,790	4,980	24,200	25,000	19,400	50.50	49.20	47.80
United States.....	25,380	22,290	25,150	153,780	133,600	152,950	41.60	42.40	42.60
Grand total.....	36,680	35,490	37,100	186,380	168,800	194,000	<sup>5</sup> 71.50	<sup>5</sup> 76.80	<sup>5</sup> 73.60

<sup>1</sup> Preliminary.

<sup>2</sup> Includes small quantities used for processing except in States for which processing estimates are made separately.

<sup>3</sup> New York, New Jersey, Pennsylvania, Michigan, Wisconsin, Maryland, Virginia, Tennessee, Texas, Idaho, and Washington.

<sup>4</sup> New York, New Jersey, Maryland, Virginia, Tennessee, Mississippi, Washington, and California.

<sup>5</sup> Derived value per ton.

Statistical Reporting Service.



Table 277.—Spinach, commercial crop: Acreage, yield, production, value per hundred-weight and per ton, and total value, United States, 1954-70

Year	For fresh market <sup>1</sup>					For processing				
	Acreage for harvest	Yield per acre	Production <sup>2</sup>	Value <sup>3</sup>		Acreage harvested	Yield per acre	Production <sup>2</sup>	Value <sup>4</sup>	
				Per cwt.	Total				Per ton	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	32,290	53	1,716	5.72	9,782	25,200	4.0	99,920	39.60	3,958
1955.....	26,690	54	1,605	6.16	9,836	30,900	4.2	130,000	38.50	5,007
1956.....	31,220	56	1,754	5.91	10,288	33,760	4.2	140,370	39.40	5,525
1957.....	29,190	56	1,648	5.97	9,832	32,880	4.3	139,900	37.90	5,300
1958.....	28,490	58	1,661	6.53	10,884	30,120	4.0	121,700	41.20	5,008
1959.....	26,500	59	1,551	6.47	10,028	32,330	4.6	147,820	37.42	5,531
1960.....	24,980	61	1,523	6.67	10,160	32,510	4.4	143,860	35.04	5,127
1961.....	24,160	53	1,280	6.52	8,335	30,500	4.7	144,480	35.62	5,147
1962.....	20,440	65	1,126	7.26	8,172	24,620	5.0	122,160	36.85	4,502
1963.....	19,200	68	1,109	7.39	8,190	27,210	5.7	155,790	37.40	5,827
1964.....	18,110	58	1,057	7.42	7,845	25,290	5.8	146,860	38.34	5,630
1965.....	17,050	58	997	8.01	7,965	21,400	5.9	125,200	39.90	4,972
1966.....	16,800	52	876	9.08	7,958	24,820	5.9	145,870	41.37	6,035
1967.....	16,200	55	885	9.80	8,670	27,210	5.8	157,030	40.50	6,367
1968.....	11,300	58	652	10.60	6,939	25,380	6.10	153,780	41.60	6,393
1969.....	13,200	53	704	10.40	7,306	22,290	5.99	133,600	42.40	5,666
1970 <sup>5</sup> .....	11,950	52	621	11.30	7,024	25,150	6.08	152,950	42.60	6,510

<sup>1</sup> Includes small quantities used for processing except in the States for which processing estimates are made.<sup>2</sup> Includes the following quantities not marketed which are excluded in computing value: For fresh market (1,000 hundredweight)—10 in 1954, 9 in 1955, 3 in 1956, 2 in 1961, and 2 in 1965; for processing (tons)—600 in 1965.<sup>3</sup> F.o.b. basis.<sup>4</sup> Beginning 1964, at processing plant door; prior to 1964, average price received by growers at receiving point.<sup>5</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 279.

Table 278.—Sweetpotatoes: Acreage, yield, production, season average price per hundred-weight received by farmers, and value, United States, 1954-70

Year	Acreage harvested	Yield per acre	Production	Price <sup>1</sup>	Farm value	Year	Acreage harvested	Yield per acre	Production	Price <sup>1</sup>	Farm value
	<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>1,000 acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	<i>261</i>	<i>67.7</i>	<i>16,068</i>			1962.....	<i>203</i>	<i>85</i>	<i>17,120</i>	<i>3.54</i>	<i>61,488</i>
1954.....	<i>332</i>	<i>51.8</i>	<i>17,198</i>	<i>4.20</i>	<i>76,302</i>	1963.....	<i>171</i>	<i>84</i>	<i>14,356</i>	<i>4.03</i>	<i>57,835</i>
1955.....	<i>342</i>	<i>63.3</i>	<i>21,608</i>	<i>3.27</i>	<i>72,392</i>	1964.....	<i>112</i>	<i>30</i>	<i>10,123</i>		
1956.....	<i>276</i>	<i>63.0</i>	<i>17,381</i>	<i>4.01</i>	<i>70,757</i>	1964.....	<i>151</i>	<i>86</i>	<i>12,969</i>	<i>5.09</i>	<i>65,980</i>
1957.....	<i>274</i>	<i>65.9</i>	<i>18,057</i>	<i>4.18</i>	<i>75,964</i>	1965.....	<i>198</i>	<i>92</i>	<i>15,524</i>	<i>4.21</i>	<i>65,628</i>
1958.....	<i>256</i>	<i>68.8</i>	<i>17,571</i>	<i>3.76</i>	<i>67,933</i>	1966.....	<i>157</i>	<i>87</i>	<i>13,697</i>	<i>4.98</i>	<i>62,399</i>
1959.....	<i>218</i>	<i>74</i>	<i>16,163</i>			1967.....	<i>147</i>	<i>93</i>	<i>13,658</i>	<i>4.49</i>	<i>61,204</i>
1959.....	<i>257</i>	<i>74</i>	<i>18,865</i>	<i>3.25</i>	<i>62,253</i>	1968.....	<i>147</i>	<i>92</i>	<i>13,591</i>	<i>4.89</i>	<i>66,527</i>
1960.....	<i>191</i>	<i>78</i>	<i>14,858</i>	<i>4.09</i>	<i>61,358</i>	1969.....	<i>146</i>	<i>101</i>	<i>14,654</i>	<i>4.16</i>	<i>61,185</i>
1961.....	<i>183</i>	<i>79</i>	<i>14,415</i>	<i>4.30</i>	<i>61,924</i>	1970 <sup>2</sup> .....	<i>138</i>	<i>102</i>	<i>14,086</i>	<i>4.28</i>	<i>59,770</i>

<sup>1</sup> Obtained by weighting States prices by quantity sold.<sup>2</sup> Preliminary.Statistical Reporting Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1929-53 in *Agricultural Statistics, 1967*, table 281.

Table 279.—Sweetpotatoes: Acreage, production, and season average price per hundred-weight received by farmers, by States, 1968-70

State	Acreage harvested			Production			Price for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
New Jersey.....	5.4	3.3	2.3	594	314	242	7.15	5.10	6.60
Maryland.....	3.0	2.8	2.1	450	378	294	4.97	3.20	3.90
Virginia.....	12.6	10.7	8.9	1,449	1,519	1,041	3.48	2.76	3.50
North Carolina.....	22.0	26.0	25.0	2,530	3,770	4,000	4.82	3.91	3.70
South Carolina.....	2.5	2.5	1.9	162	212	143	5.28	5.71	5.60
Georgia.....	8.5	8.0	7.5	680	640	600	6.57	6.98	6.50
Tennessee.....	2.8	2.6	2.6	266	273	247	5.56	5.60	5.70
Alabama.....	5.4	5.5	4.8	470	484	408	5.52	5.18	5.90
Mississippi.....	11.0	10.0	11.0	935	850	990	5.19	5.05	5.10
Arkansas.....	1.8	1.9	1.7	135	142	136	5.03	5.22	5.10
Louisiana.....	52.0	52.0	49.0	4,160	4,420	4,165	3.73	3.03	2.60
Texas.....	12.0	12.0	13.0	960	780	1,040	5.75	6.46	6.30
California.....	8.0	8.3	7.8	800	872	780	8.62	7.18	8.90
United States.....	147.0	145.6	137.6	13,591	14,654	14,086	4.89	4.16	4.28

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 280.—Sweetpotatoes: Production, seed used, and farm disposition, United States, 1960-69

Year	Production 1,000 cwt.	Total used for seed <sup>1</sup> 1,000 cwt.	Disposition on farms where grown			
			Used on farms where grown			Sold from farms <sup>2</sup> 1,000 cwt.
			For seed	Feed, shrinkage, and loss	For household use	
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1960.....	14,858	738	519	1,899	1,711	10,729
1961.....	14,415	845	591	1,713	1,471	10,640
1962.....	17,120	722	537	2,512	1,336	12,685
1963.....	14,356	633	479	1,805	1,049	11,023
1964.....	12,969	767	579	1,386	843	10,161
1965.....	15,524	774	611	1,976	737	12,200
1966.....	13,697	718	564	1,578	641	10,914
1967.....	13,658	796	617	1,365	589	11,087
1968.....	13,591	874	681	1,266	529	11,115
1969 <sup>1</sup> .....	14,664	867	619	1,572	519	11,954

<sup>1</sup> Includes seed purchased and seed used on farm where grown.<sup>2</sup> Consists of sweetpotatoes sold for all purposes including food, seed, processing, and livestock feed.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-59 in *Agricultural Statistics, 1967*, table 283.

**Table 281.—Sweetpotatoes: Production, seed used, and farm disposition, by States, crop of 1969 (preliminary)**

State	Pro- duction	Total used for seed <sup>1</sup>	Disposition on farms where grown			
			For seed	Feed, shrinkage, and loss	For household use	Sold from farms <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
New Jersey.....	314	9	9	28	1	276
Maryland.....	378	8	6	19	5	348
Virginia.....	1,519	50	43	152	29	1,295
North Carolina.....	3,780	106	111	567	162	2,940
South Carolina.....	212	8	5	53	26	128
Georgia.....	640	30	15	74	28	323
Tennessee.....	273	10	7	27	41	198
Alabama.....	484	16	13	73	73	325
Mississippi.....	850	55	30	76	45	699
Arkansas.....	142	6	3	24	20	95
Louisiana.....	4,420	399	279	332	78	3,731
Texas.....	780	81	71	77	10	622
California.....	872	39	27	70	1	774
United States.....	14,664	867	619	1,572	519	11,954

<sup>1</sup> Includes seed purchased and seed used on farms where grown.<sup>2</sup> Consists of sweetpotatoes sold for all purposes including food, seed, processing, and livestock feed.

Statistical Reporting Service.

**Table 282.—Tomatoes, commercial crop: Acreage, production, and value per hundred-weight and per ton, by States, 1968-70**

Utilization, season, and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
<b>FOR FRESH MARKET</b>									
Winter:				1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
Florida.....	13,000	14,500	11,400	2,340	2,248	1,368	14.20	11.60	12.00
Early spring:									
Florida.....	14,200	19,300	19,800	2,840	2,606	2,178	13.60	14.10	10.70
Texas.....	1,600	2,000	3,300	80	150	195	9.50	13.90	10.40
California.....	2,000	2,400	2,800	320	444	434	12.90	12.90	15.50
Total or average.....	17,800	23,700	25,900	3,240	3,200	2,807	13.40	13.90	11.40
Late spring:									
South Carolina.....	7,700	8,200	7,900	654	697	632	10.30	9.19	10.90
Georgia.....	3,500	3,300	3,100	231	198	202	6.50	7.18	6.62
Louisiana.....	1,600	1,400	1,300	128	98	101	15.60	17.50	17.50
Texas.....	5,700	5,700	6,000	286	239	270	8.80	10.20	9.97
Total or average.....	18,500	18,600	18,300	1,269	1,232	1,205	9.80	9.72	10.50
Early summer:									
New Jersey.....	7,000	6,800	6,700	665	578	570	9.40	11.30	11.20
Ohio.....	800	700	650	104	98	98	17.80	13.60	14.90
Missouri.....	800	700	700	76	63	70	10.40	14.50	11.70
Maryland.....	2,100	1,900	1,700	232	206	247	6.30	6.51	6.51
Virginia.....	3,400	3,700	3,300	442	370	330	9.30	6.97	7.89
North Carolina.....	1,700	1,600	1,600	119	120	128	7.00	8.24	8.10
Kentucky.....	800	700	600	56	60	57	11.10	12.10	13.30
Tennessee.....	2,300	2,200	2,100	253	242	242	8.30	8.84	10.40
Alabama.....	9,000	8,500	9,500	450	493	437	10.80	9.73	10.70
Arkansas.....	3,400	3,600	3,000	323	324	315	13.30	11.20	18.50
California.....	14,900	12,900	14,600	2,682	2,838	2,774	10.10	8.71	11.80
Total or average.....	46,200	43,300	44,450	5,422	5,452	5,268	10.00	9.20	11.50

See footnotes at end of table.

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Table 282.—Tomatoes, commercial crop: Acreage, production, and value per hundred-weight and per ton, by States, 1968-70—Continued

Utilization, season, and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
<b>FOR FRESH MARKET—continued</b>									
Late summer:	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Massachusetts.....	850	750	750	166	150	146	12.00	12.80	12.10
Connecticut.....	1,200	1,100	1,000	192	171	150	13.00	13.30	13.30
New York.....	4,300	3,900	3,800	494	390	437	7.00	8.19	8.27
Pennsylvania.....	3,000	3,000	2,800	300	300	294	6.70	7.36	6.93
Ohio.....	2,400	2,200	2,000	252	176	180	11.40	13.30	10.90
Indiana.....	2,400	2,400	2,300	204	240	230	10.10	10.30	8.23
Illinois.....	1,100	1,500	1,200	86	90	78	7.60	8.64	11.50
Michigan.....	5,000	4,500	4,500	500	473	473	7.40	10.80	13.00
North Carolina.....	1,200	1,200	1,200	276	312	348	9.70	9.67	6.19
Colorado.....	550	400	400	88	60	60	6.70	6.22	7.04
Washington.....	400	500	450	72	70	65	7.60	7.87	7.90
Total or average.....	22,400	21,450	20,400	2,610	2,432	2,461	8.78	9.97	9.51
Early fall: California.....	15,000	16,400	18,300	3,150	3,608	<sup>2</sup> 3,569	12.20	13.40	11.50
Late fall:									
Florida.....	9,400	10,400	9,200	1,269	1,092	1,380	14.30	15.60	13.00
Texas.....	1,800	2,100	1,500	117	92	60	12.70	17.60	17.20
Total or average.....	11,200	12,500	10,700	1,386	1,184	1,440	14.20	15.80	13.20
All groups.....	144,100	150,450	149,450	19,417	19,356	18,118	11.60	11.60	11.30
Hawaii.....	180	180	200	55	53	55	16.90	18.60	17.00
United States.....	144,280	150,630	149,650	19,472	19,409	18,173	11.60	11.60	11.30
<b>FOR PROCESSING</b>									
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>	<i>Dollars per ton</i>
New York.....	7,000	5,000	2,800	84,700	66,000	39,750	41.50	41.20	42.40
New Jersey.....	19,700	15,400	14,500	<sup>3</sup> 329,000	221,750	280,000	<sup>4</sup> 37.60	40.20	41.60
Pennsylvania.....	10,000	9,300	7,600	177,000	139,500	151,000	39.20	38.20	38.50
Ohio.....	30,800	26,900	26,500	<sup>1</sup> 625,200	438,450	545,650	<sup>4</sup> 35.30	36.60	37.70
Indiana.....	20,300	17,500	15,000	<sup>1</sup> 286,200	264,250	295,200	<sup>4</sup> 38.60	37.60	38.70
Illinois.....	5,500	4,900	4,500	94,000	77,400	71,900	40.70	39.40	39.90
Michigan.....	6,200	4,900	3,300	87,400	58,300	55,150	37.10	36.80	36.90
Delaware.....	1,500	1,100	1,500	19,000	13,400	24,750	42.00	39.30	42.00
Maryland.....	7,300	4,600	4,400	92,000	47,850	59,850	41.10	37.10	40.00
Virginia.....	7,000	5,500	5,500	63,000	42,350	33,300	35.60	34.00	37.50
Florida.....	4,900	4,600	5,500	43,100	31,300	33,150	31.30	30.50	32.80
Texas.....	9,000	6,000	4,900	52,200	42,600	27,000	39.00	34.40	32.60
Colorado.....	1,300	1,000	1,100	15,500	12,400	12,200	39.60	36.20	35.20
New Mexico.....	900	800	700	12,600	9,600	7,000	34.00	34.00	34.00
Utah.....	2,500	1,800	1,600	33,000	32,400	20,500	38.20	33.00	34.00
California.....	231,300	154,000	141,000	<sup>4</sup> 903,600	3,372,600	3,841,700	<sup>4</sup> 41.40	33.50	31.60
Other States <sup>5</sup> .....	4,950	3,640	3,840	48,360	27,550	24,500	37.90	36.40	37.60
United States.....	370,150	266,940	244,240	<sup>6</sup> 9,965,860	4,897,700	5,024,600	<sup>4</sup> 40.20	34.70	34.00
Grand total.....	514,430	417,570	393,890	7,939,460	5,868,150	5,933,250	<sup>6</sup> 63.70	<sup>6</sup> 67.30	<sup>6</sup> 63.50

<sup>1</sup> Preliminary.<sup>2</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1970—early summer, California, 40; early fall, California, 60.<sup>3</sup> Includes some quantities not delivered because of economic conditions.<sup>4</sup> Average price derived.<sup>5</sup> Wisconsin, Iowa, Missouri, Kansas, West Virginia, North Carolina, South Carolina, Kentucky, Alabama, Arkansas, Louisiana, Oklahoma, and Washington.<sup>6</sup> Value per ton derived.

Statistical Reporting Service.



Table 284.—Watermelons, commercial crop: Acreage, yield, production, value per hundredweight, and total value, United States, 1954-70

Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Year	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>	
				Per cwt.	Total					Per cwt.	Total
	<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	443,950	71	31,567	1.15	35,087	1963.....	286,310	109	31,102	1.44	41,885
1955.....	435,400	79	34,136	1.29	41,354	1964.....	280,400	98	27,615	1.70	46,880
1956.....	397,300	77	30,495	1.44	42,632	1965.....	284,720	104	29,671	1.60	47,355
1957.....	393,100	70	27,487	1.69	46,418	1966.....	274,540	105	28,941	1.87	52,965
1958.....	398,550	86	34,195	1.07	32,361	1967.....	272,760	102	27,735	2.10	58,230
1959.....	327,900	82	26,995	1.74	46,798	1968.....	279,200	96	26,885	1.86	50,121
1960 <sup>3</sup> .....	332,200	94	31,112	1.29	38,182	1969.....	276,900	95	26,308	2.05	54,014
1961.....	307,580	95	29,083	1.58	45,907	1970 <sup>4</sup> .....	270,000	101	27,185	2.07	56,303
1962.....	298,280	97	28,961	1.47	38,500						

<sup>1</sup> Includes some quantities not marketed which were excluded in computing value (1,000 hundredweight): 1,021 in 1954, 1,993 in 1955, 954 in 1956, 3,996 in 1958, 70 in 1959, 1,444 in 1960, 2,712 in 1962, 1,919 in 1963, 51 in 1964, 37 in 1965, and 590 in 1966.

<sup>2</sup> F.o.b. basis.

<sup>3</sup> Includes Hawaii from 1960 through 1968.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 287.

Table 285.—Watermelons, commercial crop: Acreage, production, and value per hundredweight, by States, 1968-70

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Late spring:									
Florida.....	56,000	53,500	47,500	7,560	6,955	6,888	2.10	2.49	2.02
California.....	5,600	5,600	3,900	812	1,008	780	3.60	2.51	4.27
Total or average.....	61,600	59,100	51,400	8,372	7,963	7,668	2.25	2.49	2.25
Early summer:									
North Carolina.....	6,000	7,100	8,200	390	625	476	1.85	1.71	1.92
South Carolina.....	24,000	24,000	22,000	1,632	1,608	1,540	1.45	1.63	1.82
Georgia.....	39,500	37,500	33,000	3,555	3,000	2,805	1.60	1.51	1.90
Alabama.....	14,500	13,500	14,000	1,305	1,148	1,218	1.80	1.71	1.83
Mississippi.....	8,500	10,000	9,500	663	680	722	1.40	1.49	1.44
Arkansas.....	5,800	6,200	6,800	493	496	544	1.50	2.04	1.82
Louisiana.....	3,300	3,400	3,600	297	255	288	1.80	1.89	1.50
Oklahoma.....	11,000	11,500	12,500	770	920	875	1.30	2.11	1.93
Texas.....	74,000	70,000	75,000	4,810	4,690	6,000	1.25	1.94	1.97
Arizona.....	4,000	5,100	4,300	680	765	688	3.05	1.82	3.25
California.....	10,000	10,500	9,200	1,600	1,523	1,380	2.25	1.99	2.37
Total or average.....	200,600	198,800	198,100	16,195	15,710	16,536	1.61	1.79	1.98
Late summer:									
Indiana.....	5,100	5,900	6,100	688	915	1,037	1.90	2.35	2.20
Missouri.....	7,500	7,800	9,000	750	819	810	2.40	2.55	2.39
Delaware.....	1,100	1,300	1,700	220	221	357	2.50	1.97	1.84
Maryland.....	3,300	4,000	3,700	660	680	777	2.50	1.97	1.84
Total or average.....	17,000	19,000	20,500	2,318	2,635	2,981	2.29	2.28	2.11
United States.....	279,200	276,900	270,000	26,885	26,308	27,185	1.86	2.05	2.07

<sup>1</sup> Preliminary.

Statistical Reporting Service.



## VEGETABLES AND MELONS, 1971

Table 286.—Vegetables and melons: Unloads at 8 markets, by commodities, 1970

Commodity	Boston			New York <sup>1</sup>			Philadelphia			Baltimore		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
<b>Vegetables:</b>												
Beans (snap, lima, and fava).....	Cars 1	Cars 398	Cars 399	Cars 82	Cars 1,247	Cars 1,329	Cars 13	Cars 490	Cars 493	Cars 2	Cars 302	Cars 304
Cabbage.....	215	1,124	1,339	631	3,286	3,917	245	1,822	2,067	61	1,170	1,231
Cantaloups.....	743	45	788	3,567	322	3,889	959	122	1,081	333	158	491
Carrots.....	476	247	723	1,169	386	1,555	440	177	617	160	88	248
Cauliflower.....	105	88	193	199	628	827	153	162	315	22	43	65
Celery.....	861	447	1,308	2,027	1,141	3,168	1,001	526	1,527	303	258	561
Cucumbers.....	49	966	1,015	297	2,512	2,809	82	726	808	3	298	301
Lettuce-romaine.....	2,540	499	3,039	6,933	1,730	8,663	2,637	915	3,552	1,081	398	1,479
Mixed vegetables.....	453	.....	453	1,530	.....	1,530	713	1	714	279	.....	279
Onions, dry.....	856	701	1,557	2,403	2,063	4,466	1,188	1,351	2,539	406	477	883
Peas, green.....	34	7	41	96	24	120	60	9	69	12	5	17
Potatoes.....	2,047	4,146	6,193	7,778	6,004	13,782	1,774	4,259	6,033	664	2,718	3,382
Watermelons.....	220	672	892	908	2,206	3,114	272	1,088	1,360	31	954	985
Miscellaneous.....	1,901	5,160	7,061	10,381	14,615	24,996	2,268	5,920	8,188	538	2,435	2,973
<b>Total.....</b>	<b>10,501</b>	<b>14,500</b>	<b>25,001</b>	<b>38,001</b>	<b>36,164</b>	<b>74,165</b>	<b>11,805</b>	<b>17,558</b>	<b>29,363</b>	<b>3,895</b>	<b>9,304</b>	<b>13,199</b>

  

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>1</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
<b>Vegetables:</b>												
Beans (snap, lima, and fava).....	Cars 10	Cars 726	Cars 736	Cars 8	Cars 411	Cars 419	Cars 619	Cars 619	Cars 619	Cars 271	Cars 271	Cars 271
Cabbage.....	15	1,694	1,709	649	1,290	1,939	2,214	2,214	2,214	878	878	878
Cantaloups.....	172	480	652	1,074	113	1,187	31	2,438	2,469	7	1,223	1,230
Carrots.....	50	230	280	548	200	748	838	2,955	2,955	863	863	863
Cauliflower.....	.....	37	37	145	159	304	845	845	845	488	488	488
Celery.....	6	292	298	1,066	426	1,492	3,431	3,431	3,431	1,072	1,072	1,072
Cucumbers.....	.....	207	207	129	854	983	9	1,401	1,410	437	437	437
Lettuce-romaine.....	290	1,153	1,443	4,390	670	5,060	8,594	8,594	8,594	4,015	4,015	4,015
Mixed vegetables.....	24	.....	24	1,692	9	1,701	.....	.....	.....	37	37	37
Onions, dry.....	211	753	964	1,814	399	2,213	252	2,879	3,131	31	1,153	1,184
Peas, green.....	.....	6	6	20	13	33	8	94	102	54	54	54
Potatoes.....	1,414	3,408	4,822	8,326	1,353	9,679	3,454	10,301	13,755	526	8,839	9,365
Watermelons.....	4	1,610	1,614	187	1,376	1,563	2	3,891	3,893	3	1,150	1,153
Miscellaneous.....	175	4,538	4,713	2,518	5,767	8,285	326	19,629	19,955	52	8,310	8,362
<b>Total.....</b>	<b>2,371</b>	<b>15,134</b>	<b>17,505</b>	<b>22,566</b>	<b>13,130</b>	<b>35,696</b>	<b>4,082</b>	<b>59,291</b>	<b>63,373</b>	<b>619</b>	<b>25,790</b>	<b>26,409</b>

<sup>1</sup> Estimated percentages of completeness for reported truck unloads for 1970 are as follows: Chicago, New York, and Philadelphia, 85%; Atlanta, Baltimore, and Los Angeles, 90%; Boston, 90-95%; and San Francisco, 95%.

<sup>2</sup> Includes Newark.

<sup>3</sup> Includes Oakland.

Consumer and Marketing Service.

## VEGETABLE AND MELON UNLOADS

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Table 287.—Vegetables and melons: Total unloads at 8 markets, 1961-70

Year	Boston			New York			Philadelphia			Baltimore		
	Rail, boat, and air	Motor- truck <sup>1</sup>	Total	Rail, boat, and air	Motor- truck <sup>1</sup>	Total	Rail, boat, and air	Motor- truck <sup>1</sup>	Total	Rail, boat, and air	Motor- truck <sup>1</sup>	Total
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1961.....	16,317	14,819	31,136	44,427	49,310	93,737	14,048	21,790	35,838	6,080	12,304	18,384
1962.....	15,966	15,754	31,720	44,663	48,616	93,279	13,678	21,772	35,450	5,919	12,077	17,996
1963.....	15,817	14,914	30,731	44,225	49,168	93,393	16,572	22,782	39,354	5,873	12,336	18,229
1964.....	15,019	15,191	30,210	45,178	48,884	94,062	15,290	22,050	37,340	5,381	11,740	17,121
1965.....	13,821	14,723	28,544	41,504	49,182	90,686	13,617	20,602	34,219	5,064	11,927	16,991
1966.....	13,344	12,580	25,924	41,383	39,172	80,555	13,071	18,812	31,883	5,102	10,059	15,161
1967.....	12,653	12,441	25,094	43,396	38,864	82,260	12,673	19,497	32,170	4,653	10,542	15,196
1968.....	10,668	13,162	23,830	36,952	36,228	73,180	12,295	18,786	31,081	4,334	9,993	14,327
1969.....	11,945	14,753	26,698	39,108	34,272	73,380	12,668	17,775	30,473	4,393	9,997	14,390
1970.....	10,501	14,500	25,001	38,001	36,164	74,165	11,805	17,558	29,363	3,895	9,304	13,199

  

Year	Atlanta			Chicago			Los Angeles			San Francisco <sup>2</sup>		
	Rail, boat, and air	Motor- truck <sup>1</sup>	Total	Rail, boat, and air	Motor- truck <sup>1</sup>	Total	Rail, boat, and air	Motor- truck <sup>1</sup>	Total	Rail, boat, and air	Motor- truck <sup>1</sup>	Total
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1961.....	2,053	16,288	18,341	28,504	19,288	47,792	6,006	73,766	79,772	1,790	28,368	30,158
1962.....	2,165	16,449	18,614	26,795	19,859	46,654	7,092	70,742	77,834	2,176	27,784	29,960
1963.....	1,889	16,906	18,795	26,694	19,032	45,726	6,107	72,874	78,981	1,670	30,316	31,986
1964.....	1,687	16,557	18,244	24,374	19,059	43,433	5,878	69,861	75,739	1,742	30,970	32,712
1965.....	1,528	16,649	18,177	23,706	18,439	42,145	4,625	69,965	74,590	1,331	29,642	30,973
1966.....	2,039	14,065	16,104	25,280	15,277	40,557	4,816	58,177	62,993	1,196	24,620	25,816
1967.....	2,013	14,491	16,504	24,277	14,568	38,845	5,187	58,544	63,731	1,087	26,177	27,264
1968.....	2,073	15,101	17,174	23,683	15,021	38,704	4,967	56,309	61,276	945	26,564	27,409
1969.....	2,130	15,379	17,509	25,471	13,358	38,829	5,187	54,899	60,086	932	25,694	26,626
1970.....	2,371	15,134	17,505	22,566	13,130	35,696	4,082	59,291	63,373	619	25,790	26,409

<sup>1</sup> Estimated percentages of completeness for reported truck unloads for 1969 are as follows: Chicago, 85%; Atlanta, Baltimore, Los Angeles, New York, and Philadelphia, 90%; Boston, 90-95%; and San Francisco, 95%.

<sup>2</sup> Includes Newark.

<sup>3</sup> Includes Oakland.

Consumer and Marketing Service. Data for 1955-60 in *Agricultural Statistics, 1967*, table 289.

## FOOTNOTES FOR TABLE 289

<sup>1</sup> Fresh vegetable consumption computed from total commercial production for fresh market, including greenhouse production. Does not include production for home use. Civilian consumption obtained by dividing the total apparent civilian consumption by total civilian population as reported by the Census Bureau. All data for calendar year, except dry field peas which are on a crop-year basis.

<sup>2</sup> Less than 0.05 pound.

<sup>3</sup> Beginning 1968, included in minor vegetables.

<sup>4</sup> Preliminary.

<sup>5</sup> Includes 0.1 pound of shallots each year through 1958; 1959 through 1967, less than 0.05 pound. Beginning 1968, included in minor vegetables.

<sup>6</sup> Includes table stock and processed.

Economic Research Service. Data for 1924-53 in *Agricultural Statistics, 1967*, table 291.

Table 288.—Vegetables, fresh: Carlot rail and boat shipments of specified kinds, United States, 1961-70<sup>1</sup>

Year	Asparagus	Beans, snap and lima	Beets <sup>2</sup>	Broccoli	Cabbage	Carrots	Cauliflower	Celery	Corn, green
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1961.....	1,040	1,174	39	1,692	5,342	9,800	2,231	16,458	4,453
1962.....	849	927	36	1,380	5,085	10,029	1,805	14,233	5,512
1963.....	781	675	-----	1,467	5,453	11,119	1,564	14,395	5,315
1964.....	608	594	-----	1,617	4,900	9,218	1,842	13,081	4,168
1965.....	732	434	-----	1,143	4,597	8,529	1,229	12,920	4,832
1966.....	502	511	-----	1,360	4,979	8,240	1,403	14,242	5,272
1967.....	516	429	-----	1,779	4,910	7,184	1,430	12,952	4,953
1968.....	515	274	-----	2,194	4,711	6,881	1,345	13,944	3,423
1969.....	397	238	-----	1,679	4,811	7,037	1,588	12,459	4,098
1970.....	430	171	-----	1,614	4,351	6,889	1,044	12,091	2,788

  

Year	Cucumbers	Escarole	Greens (except spinach)	Lettuce	Muskmelons		Onions	Peas, green	Peppers
					Cantaloupes	Other <sup>3</sup>			
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1961.....	987	575	331	59,367	17,187	4,816	13,327	597	2,970
1962.....	731	623	619	54,935	17,583	4,397	12,630	333	2,690
1963.....	1,010	457	667	52,568	17,723	4,366	13,914	433	3,188
1964.....	1,105	574	930	51,117	15,980	3,979	14,165	380	2,492
1965.....	998	671	497	46,892	13,578	4,303	15,023	331	2,368
1966.....	887	708	589	49,008	13,446	3,296	15,457	171	2,351
1967.....	1,276	543	524	46,236	15,375	4,355	17,992	179	1,973
1968.....	541	269	783	49,907	16,990	3,791	16,435	113	2,360
1969.....	645	307	624	48,479	17,441	4,103	17,907	85	1,742
1970.....	574	196	608	48,100	14,334	3,950	16,823	96	1,217

  

Year	Potatoes	Spinach	Sweet-potatoes	Tomatoes	Turnips and rutabagas <sup>2</sup>	Watermelons	Mixed vegetables	Total
	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>	<i>Cars</i>
1961.....	141,046	1,497	58	13,892	19	5,642	22,450	327,499
1962.....	141,163	1,412	79	13,652	26	5,562	19,276	315,667
1963.....	141,967	1,350	98	12,069	-----	6,466	19,001	316,046
1964.....	138,376	1,332	31	11,481	-----	3,630	18,601	300,201
1965.....	125,988	1,029	80	11,464	-----	4,100	18,133	279,871
1966.....	134,436	961	65	11,984	-----	6,047	17,299	293,214
1967.....	123,974	918	58	10,637	-----	7,203	14,940	280,336
1968.....	115,102	899	44	11,057	-----	5,332	14,556	271,667
1969.....	113,234	954	23	10,450	-----	5,079	14,593	267,973
1970.....	98,438	855	3	9,270	-----	3,861	12,918	240,621

<sup>1</sup> Shipments by truck are not included but have become increasingly important during this period. The data are not indicative of total production or total sales.

<sup>2</sup> Beginning 1963, reports of rail shipments for beets, turnips, and rutabagas discontinued.

<sup>3</sup> Includes casaba, honeydew, persian, and mixed melons. Cars of mixed melons may include cantaloupes as well as other muskmelons.

Consumer and Marketing Service. Compiled from daily and monthly reports received from officials and local agents of common carriers throughout the country. Shipments shown in carlots include boat shipments reduced to a carlot basis. Data for 1944-60 in *Agricultural Statistics*, 1967, table 290.

Table 289.—Vegetables (fresh), melons, potatoes, sweetpotatoes, dry edible beans, and dry field peas: Per capita civilian consumption (farm weight basis), United States, 1954-70<sup>1</sup>

Year	Tomatoes	Leafy, green, and yellow vegetables											Green peas (unshelled)
		Artichokes	Asparagus	Lima beans (unshelled)	Snap beans	Broccoli	Brussels sprouts	Cabbage	Carrots	Kale	Lettuce and escarole		
		Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.		
1954	12.9	0.2	0.7	0.4	3.3	0.6	0.1	12.5	7.7	0.2	19.6	0.4	
1955	13.4	.2	.7	.3	3.3	.5	.1	11.1	7.5	.2	20.6	.4	
1956	12.3	.2	.7	.3	2.8	.5	.1	11.8	7.8	.2	21.6	.3	
1957	12.6	.2	.8	.3	2.9	.5	.1	10.9	7.4	.2	20.8	.3	
1958	11.9	.2	.8	.3	2.6	.4	.1	10.8	7.3	.2	20.1	.3	
1959	12.8	.2	.7	.3	2.5	.4	.1	10.2	7.1	.2	19.9	.3	
1960	12.6	.2	.7	.4	2.6	.4	.1	10.5	7.3	.1	20.0	.3	
1961	12.6	.3	.6	.3	2.5	.4	.1	9.8	6.8	.2	20.3	.3	
1962	12.7	.2	.6	.3	2.3	.3	.1	9.9	7.0	.1	20.5	.3	
1963	12.0	.2	.6	.3	2.2	.4	.1	9.8	7.3	.1	21.4	.3	
1964	12.1	.3	.5	.3	2.1	.3	.1	9.6	6.9	.1	21.0	.3	
1965	12.1	.3	.6	.3	2.0	.3	.1	9.1	7.0	.1	21.6	.3	
1966	12.4	.3	.4	.3	1.9	.3	( <sup>1</sup> )	9.1	6.5	.1	21.6	.2	
1967	12.4	.4	.4	.3	2.0	.3	.1	9.2	6.6	.1	21.9	.2	
1968	11.9	.3	.5	( <sup>1</sup> )	1.8	.4	( <sup>1</sup> )	9.3	7.5	( <sup>1</sup> )	22.4	( <sup>1</sup> )	
1969	12.1	.3	.4	( <sup>1</sup> )	1.8	.2	.1	8.9	7.0	( <sup>1</sup> )	22.3	( <sup>1</sup> )	
1970 *	12.4	.3	.5	( <sup>1</sup> )	1.7	.5	( <sup>1</sup> )	8.7	6.6	( <sup>1</sup> )	22.9	( <sup>1</sup> )	

Year	Leafy, green, and yellow vegetables—Continued				Other vegetables							
	Peppers	Spinach	Minor	Total	Beets	Cauliflower	Celery	Corn	Cucumbers	Eggplant	Garlic	Onions and shallots *
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1954	2.1	1.1	5.1	54.0	0.8	1.3	8.6	8.5	2.8	0.4	0.3	11.1
1955	2.2	1.0	3.6	51.7	.8	1.4	8.8	8.2	2.9	.4	.3	10.9
1956	2.1	1.1	5.0	54.5	.8	1.5	8.6	7.9	2.8	.4	.3	11.4
1957	2.3	1.0	5.5	53.2	.8	1.5	8.4	7.7	3.1	.4	.2	11.8
1958	2.1	1.1	5.4	51.7	.7	1.4	7.8	8.4	2.8	.4	.3	11.7
1959	2.3	1.0	4.6	49.8	.7	1.1	7.9	8.8	2.6	.4	.3	11.5
1960	2.4	.9	5.9	51.8	.7	1.3	8.0	8.5	2.9	.4	.4	12.3
1961	2.5	.8	6.2	51.1	.7	1.1	7.7	8.4	3.0	.4	.3	11.5
1962	2.3	.7	5.3	49.9	.6	1.2	7.2	8.3	2.8	.4	.2	11.7
1963	2.5	.7	5.1	51.0	.5	1.1	6.9	8.2	3.1	.4	.3	11.9
1964	2.3	.7	4.8	49.3	.5	1.0	6.8	7.7	3.0	.5	.4	11.4
1965	2.3	.7	4.6	49.3	.5	1.0	6.8	8.0	3.1	.4	.4	11.4
1966	2.4	.6	3.9	47.6	.4	1.0	6.8	7.4	2.9	.4	.3	11.5
1967	2.6	.6	3.6	48.3	.4	.9	6.7	7.9	3.1	.5	.4	12.1
1968	2.8	.5	4.5	50.0	( <sup>1</sup> )	1.0	7.0	7.5	2.8	.4	.5	12.0
1969	2.7	.5	4.3	48.5	( <sup>1</sup> )	.9	7.0	7.7	3.3	.5	.5	12.3
1970 *	2.4	.5	5.0	49.1	( <sup>1</sup> )	.9	7.0	7.7	3.5	.5	.4	12.1

Year	Other vegetables—Continued		Total vegetables	Melons			Total vegetables and melons	Potatoes ( <sup>1</sup> )	Sweet potatoes	Dry edible beans	Dry field peas
	Minor	Total		Watermelons	Cantaloupes	Total melons					
	Lb.	Lb.		Lb.	Lb.	Lb.					
1954	6.5	40.3	107.2	19.3	9.7	29.0	136.2	107	8.8	8.0	0.6
1955	6.4	40.1	105.2	20.2	9.4	29.6	134.8	109	9.3	7.5	.5
1956	6.5	40.2	107.0	18.4	9.0	27.4	134.4	103	8.7	8.0	.7
1957	6.7	40.6	106.4	16.6	7.8	24.4	130.8	100	8.5	7.6	.6
1958	6.6	40.1	103.7	18.2	8.2	26.4	130.1	105	7.8	7.7	.4
1959	6.4	39.7	102.3	15.9	8.6	24.5	126.8	107	8.7	7.7	.8
1960	7.0	41.5	105.9	17.2	8.6	25.8	131.7	108	7.1	7.3	.6
1961	7.0	40.1	103.8	16.3	8.5	24.8	128.6	109	6.5	7.9	.3
1962	6.4	38.8	101.4	14.6	8.5	23.1	124.5	107	6.7	7.6	.8
1963	6.0	38.4	101.4	15.8	8.7	24.5	125.9	111	6.9	7.6	.7
1964	5.9	37.2	98.6	14.8	8.2	23.0	121.6	111	5.5	7.6	.6
1965	5.6	37.2	98.6	15.7	7.9	23.6	122.2	108	6.2	6.6	.6
1966	5.3	36.0	96.0	14.7	7.3	22.0	118.0	114	6.3	6.3	.2
1967	5.4	37.4	98.1	14.2	8.2	22.4	120.5	112	5.8	6.9	.1
1968	5.6	36.8	98.7	14.1	8.3	22.4	121.1	116	5.7	6.3	.1
1969	5.8	38.0	98.6	14.0	9.0	23.0	121.6	118	6.1	6.8	.1
1970 *	5.9	38.0	99.5	14.3	8.9	23.2	122.7	118	5.6	5.9	.1

See footnotes on page 199.

Table 290.—Vegetables, canned: United States pack of selected items, 1961-70

Season	Aspara- gus	Beans, lima	Beans, snap	Beets	Carrots	Sweet corn	Peas, green	Pickles <sup>1</sup>	Pimlen- tos
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1961.....	8,357	4,250	40,163	10,961	3,514	46,167	32,399	42,242	1,198
1962.....	9,053	3,615	36,866	12,051	5,140	45,744	33,725	42,641	291
1963.....	9,263	3,089	37,667	13,114	5,223	44,182	33,588	50,915	392
1964.....	8,217	2,213	37,359	10,311	4,611	37,551	30,045	47,688	686
1965.....	7,208	2,981	45,627	10,069	4,753	39,116	37,585	49,455	827
1966.....	7,896	3,531	40,536	11,584	5,838	45,825	31,856	59,802	675
1967.....	6,638	3,963	53,173	12,409	7,342	49,268	37,692	66,712	761
1968.....	6,925	3,818	51,842	14,323	4,726	59,278	36,231	62,120	848
1969.....	6,817	3,596	47,339	11,562	5,490	49,387	32,071	56,347	876
1970 <sup>3</sup> .....	5,972	2,776	47,572	11,638	4,999	46,995	28,697	65,951	627

  

Season	Pumpkin and squash	Sauer- kraut <sup>1</sup>	Spinach	Tomatoes	Tomato catsup and chili sauce	Tomato juice <sup>4</sup>	Tomato pulp and puree	Total of these items
	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
1961.....	4,339	12,424	7,708	34,034	29,656	38,545	6,957	322,934
1962.....	4,807	11,916	7,266	35,541	38,663	48,999	8,137	344,449
1963.....	4,015	10,889	8,031	33,041	29,790	42,114	5,422	330,705
1964.....	3,799	8,794	7,641	36,431	34,018	43,067	5,929	318,360
1965.....	3,854	12,901	6,395	36,015	35,629	40,047	6,484	338,946
1966.....	4,553	9,696	6,954	32,662	37,448	38,907	7,349	344,812
1967.....	4,592	14,747	7,409	39,127	39,427	42,815	8,775	394,850
1968.....	4,551	12,517	7,990	48,422	-----	40,169	13,837	367,597
1969.....	5,244	12,104	6,577	32,036	-----	33,653	7,014	310,113
1970 <sup>3</sup> .....	3,973	13,929	7,270	39,017	-----	35,952	5,947	321,315

<sup>1</sup> Total crop for processing converted to a canned basis by applying factors (cases of 24 No. 303 cans per ton, farm weight): Cucumbers for pickles, 83 cases for 1954, 112 cases for 1964, and interim years interpolated; cabbage for kraut, 65.9 cases for 1954, 54.0 cases for 1964, and interim years interpolated.

<sup>2</sup> Equivalent cases of 24 No. 303 cans.

<sup>3</sup> Preliminary.

<sup>4</sup> Includes combination vegetable juices containing at least 70 percent tomato juice.

Economic Research Service. Compiled mainly from reports of the National Canners Association. Data for 1954-60 in *Agricultural Statistics, 1968*, table 290.

Table 291.—Vegetables, canned: Civilian per capita consumption (processed basis, net canned weight), United States, 1954-70<sup>1</sup>

Year	Leafy, green, and yellow vegetables							Tomato products		
	Asparagus	Lima beans	Snap beans	Carrots	Peas	Pumpkin and squash	Spinach	Whole tomatoes	Catsup and chili sauce	Paste and sauce
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1954.....	0.8	0.5	3.6	0.4	4.9	0.7	0.7	4.6	2.8	2.7
1955.....	.7	.5	4.0	.4	4.8	.7	.9	4.5	3.0	3.3
1956.....	.8	.5	4.1	.4	4.9	.7	1.0	4.6	3.1	3.3
1957.....	.8	.5	3.9	.4	4.8	.7	.9	4.6	3.3	3.2
1958.....	.8	.4	4.2	.5	4.7	.6	1.0	4.6	3.5	3.4
1959.....	.8	.4	4.2	.5	4.9	.6	1.0	4.6	3.6	3.5
1960.....	.7	.4	4.2	.6	4.4	.7	.9	4.6	3.8	3.8
1961.....	.8	.4	4.3	.5	4.4	.6	.8	4.8	3.9	3.7
1962.....	.8	.4	4.5	.6	4.1	.6	1.0	4.6	4.1	3.9
1963.....	.7	.4	4.4	.6	4.1	.5	.9	4.6	4.3	4.0
1964.....	.7	.4	4.8	.6	4.1	.6	.8	4.5	4.6	3.9
1965.....	.8	.3	4.8	.6	4.1	.6	.8	4.4	5.0	3.9
1966.....	.7	.2	5.1	.7	4.2	.5	.7	4.5	4.8	4.2
1967.....	.7	.4	5.1	.7	4.1	.5	.7	4.6	4.7	5.0
1968.....	.7	.3	5.5	.6	4.2	.6	.8	4.6	5.1	5.1
1969.....	.7	.4	5.7	.6	4.1	.5	.8	4.6	5.2	5.2
1970 <sup>2</sup> .....	.7	.4	5.8	.6	3.9	.5	.8	5.5	4.9	4.5

  

Year	Tomato products		Other vegetables				Sweet-potatoes	Other <sup>4</sup>	Total
	Pulp and puree	Tomato and vegetable juices <sup>3</sup>	Beets	Corn	Pickles	Sauerkraut			
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.			
1954.....	0.5	5.1	1.4	5.2	3.9	2.0	0.6	1.5	41.9
1955.....	.7	4.8	1.3	5.3	3.9	1.9	.8	1.9	43.4
1956.....	.9	4.6	1.5	5.3	3.9	1.9	.8	1.6	43.9
1957.....	.7	5.3	1.4	5.4	4.2	1.5	.8	1.7	44.1
1958.....	.7	4.7	1.4	5.4	4.6	1.7	1.1	1.7	45.0
1959.....	.7	5.1	1.4	5.1	4.6	1.8	1.2	1.6	45.2
1960.....	.7	4.7	1.3	5.3	4.5	1.5	.9	1.7	44.7
1961.....	.8	4.6	1.3	4.9	4.9	1.5	1.0	1.8	45.0
1962.....	.8	4.7	1.4	5.5	5.6	1.4	1.3	1.6	46.9
1963.....	.8	5.4	1.5	5.6	5.7	1.4	1.1	1.6	47.5
1964.....	.8	4.5	1.4	5.6	6.2	1.2	1.0	1.5	47.2
1965.....	.8	4.7	1.4	5.5	6.3	1.4	1.3	2.1	48.7
1966.....	1.0	4.4	1.4	5.2	6.8	1.4	1.2	2.1	49.1
1967.....	1.0	4.2	1.4	5.4	7.2	1.4	1.1	2.3	50.5
1968.....	1.1	3.8	1.3	5.6	7.7	1.6	1.3	2.1	52.2
1969.....	1.0	3.8	1.5	6.1	7.6	1.4	1.5	2.8	53.5
1970 <sup>2</sup> .....	1.0	4.3	1.5	6.0	7.2	1.4	1.3	2.5	52.8

<sup>1</sup> Excludes soups and baby food.<sup>2</sup> Preliminary.<sup>3</sup> Based on information available for 1944-46, tomato juice comprises approximately 85 percent of the total, combination vegetable juices 13 percent, and other vegetable juices 2 percent. Combination vegetable juice contains approximately 70 percent or more tomato juice.<sup>4</sup> Includes miscellaneous greens, pimientos, potatoes, mixed vegetables, and all items for which no separate data are available.Economic Research Service. Data for 1919-53 in *Agricultural Statistics, 1967*, table 293.

## FOOTNOTES FOR TABLE 292

<sup>1</sup> Included in "Miscellaneous vegetables" prior to 1964.<sup>2</sup> Beginning 1965, reported by components which represent first freezing.

Economic Research Service. Data from American Frozen Food Institute.



## VEGETABLES AND MELONS, 1971

Table 292.—Vegetables, frozen: Commercial pack, United States, 1961-70

Commodity	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asparagus.....	34,157	30,810	30,315	31,054	30,867	34,532	32,460	34,355	23,033	25,925
Beans, butter.....	14,448	13,885	8,538	11,548	18,515	15,061	18,223	10,078	7,847	14,674
Beans, green, regular cut.....	96,335	90,929	90,970	108,614	112,476	136,357	147,532	138,506	117,800	119,099
Beans, green, French cut.....	69,961	60,073	63,649	60,680	61,716	77,748	70,219	65,504	61,953	75,817
Beans, green, wax.....	9,331	6,256	5,018	6,044	7,781	6,944	7,113	6,533	5,415	6,176
Beans, green, Italian.....	9,695	15,281	8,860	7,620	4,560	6,918	6,345	7,073	7,618	6,983
Beans, whole.....	3,960	3,366	1,701	4,500	3,026	3,809	7,077	3,900	5,013	4,287
Bean, baby lima.....	89,883	81,592	61,707	60,823	81,425	89,693	85,687	84,579	82,562	73,012
Beans, lima, Fordhook.....	70,053	68,991	56,000	55,665	64,102	62,224	75,578	80,958	60,013	40,382
Broccoli.....	121,636	111,450	135,334	129,817	122,310	158,586	166,731	172,959	153,784	185,167
Brussels sprouts.....	40,037	40,334	42,272	47,476	37,339	51,698	39,479	49,024	40,083	42,663
Carrots.....	60,271	79,422	69,772	63,947	109,538	131,127	133,337	162,282	150,945	173,054
Cauliflower.....	41,117	37,806	40,677	43,596	46,211	53,985	50,971	67,566	69,744	59,782
Celery <sup>1</sup> .....	.....	.....	.....	1,216	2,528	4,938	3,745	2,246	3,415	7,210
Collards.....	10,841	7,589	8,848	9,002	12,301	12,277	13,795	17,897	18,408	19,818
Corn, cut.....	168,960	163,456	168,156	150,846	222,185	300,165	316,100	334,549	289,268	216,097
Corn-on-cob.....	12,000	16,873	11,748	27,757	40,337	44,241	43,973	76,358	73,914	80,889
Kale.....	5,583	3,565	4,789	4,013	4,322	4,623	5,459	4,721	4,762	6,488
Mixed vegetables <sup>2</sup> .....	54,691	62,328	50,950	48,179	.....	.....	.....	.....	.....	.....
Mustard greens.....	5,406	6,742	6,113	8,287	7,860	8,428	10,520	11,914	10,351	15,597
Okra.....	24,754	23,084	21,144	35,451	30,365	38,327	47,465	30,485	38,250	44,168
Onions.....	.....	.....	.....	7,297	15,794	18,572	23,973	34,621	37,881	32,205
Peas, blackeye.....	18,683	18,380	15,639	23,432	26,037	29,780	44,236	25,579	20,647	30,084
Peas, green.....	346,009	356,856	344,784	336,931	443,289	375,360	424,246	429,352	367,323	344,520
Peas and carrots <sup>3</sup> .....	31,787	23,609	16,158	21,860	.....	.....	.....	.....	.....	.....
Potato products.....	579,162	761,608	861,537	1,117,883	1,218,529	1,459,633	1,490,809	1,730,055	2,048,408	2,404,389
Pumpkin and cooked squash.....	15,894	12,101	12,190	11,243	17,390	19,697	23,298	24,672	26,091	27,241
Rhubarb.....	6,630	6,327	5,520	5,738	5,801	6,090	6,846	6,176	7,599	7,950
Spinach.....	116,504	97,291	119,768	126,937	122,264	142,931	153,228	153,960	107,182	145,694
Summer squash.....	5,926	8,022	8,881	6,310	10,987	11,990	10,467	12,832	17,918	18,953
Succotash <sup>4</sup> .....	9,156	6,722	4,956	4,254	.....	.....	.....	.....	.....	.....
Sweetpotatoes and yams.....	8,027	9,934	7,986	12,333	9,353	10,506	6,153	9,564	12,854	10,913
Turnip greens.....	15,638	18,743	14,232	20,675	20,971	20,442	25,123	20,622	19,873	18,943
Turnip greens with turnips <sup>5</sup> .....	.....	.....	.....	1,751	1,295	6,651	6,722	13,347	10,520	23,415
Miscellaneous vegetable products.....	19,256	20,692	24,164	17,455	21,664	20,453	10,695	20,573	15,357	15,146
Total.....	2,116,041	2,264,116	2,322,376	2,639,200	2,933,108	3,364,386	3,507,625	3,857,840	3,915,231	4,316,731

See footnotes on page 203.

Table 293.—Vegetables, frozen: Commercial pack, by kinds and regions, United States, 1970

Commodity	East and South <sup>1</sup>	Mid- west <sup>2</sup>	West <sup>3</sup>	Total	Commodity	East and South <sup>1</sup>	Mid- west <sup>2</sup>	West <sup>3</sup>	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Asparagus.....	<sup>4</sup> 4,229	.....	21,696	25,925	Kale.....	<sup>6</sup> 6,488	.....	.....	6,488
Beans, butter.....	2,421	.....	12,253	14,674	Mustard greens.....	<sup>1</sup> 15,597	.....	.....	15,597
Beans, green, regular cut.....	45,554	8,038	65,507	119,099	Okra.....	<sup>4</sup> 44,168	.....	.....	44,168
Beans, green, French cut.....	<sup>3</sup> 36,525	.....	39,292	75,817	Onions.....	<sup>2</sup> 26,615	.....	25,590	32,205
Beans, wax.....	<sup>5</sup> 6,176	.....	.....	6,176	Peas, blackeye.....	30,084	.....	.....	30,084
Beans, green, Italian.....	.....	.....	<sup>6</sup> 6,983	6,983	Peas, green.....	55,482	42,648	246,390	344,520
Beans, whole.....	.....	.....	<sup>4</sup> 4,287	4,287	Potato products.....	<sup>5</sup> 556,827	.....	1,847,562	2,404,389
Bean, baby lima.....	23,840	5,470	43,702	73,012	Pumpkin and cooked squash.....	<sup>4</sup> 12,648	.....	14,593	27,241
Beans, lima, Fordhook.....	.....	.....	<sup>4</sup> 40,382	40,382	Rhubarb.....	<sup>3</sup> 3,517	.....	4,433	7,950
Broccoli.....	.....	.....	<sup>1</sup> 185,157	185,157	Spinach.....	38,209	.....	107,485	145,694
Brussels sprouts.....	.....	.....	<sup>4</sup> 42,663	42,663	Squash, summer.....	<sup>1</sup> 18,953	.....	.....	18,953
Carrots.....	<sup>3</sup> 30,651	.....	142,403	173,054	Sweetpotatoes and yams.....	.....	10,913	.....	10,913
Cauliflower.....	<sup>5</sup> 10,434	.....	49,348	59,782	Turnip greens.....	<sup>1</sup> 18,943	.....	.....	18,943
Celery.....	.....	.....	<sup>7</sup> 7,210	7,210	Turnip greens with turnips.....	23,415	.....	.....	23,415
Collards.....	<sup>1</sup> 19,818	.....	.....	19,818	Miscellaneous vegetables.....	<sup>10</sup> 2,984	<sup>10</sup> 1,333	<sup>10</sup> 10,829	15,146
Corn, cut.....	30,347	66,363	119,387	216,097	Total.....	1,082,556	139,651	3,094,524	4,316,731
Corn-on-cob.....	7,718	15,799	57,372	80,889					

See footnotes on page 205.

Table 294.—Vegetables, frozen: Civilian per capita consumption (processed weight basis), United States, 1954-70

Year	Leafy, green, and yellow vegetables							
	Asparagus	Snap beans	Lima beans	Carrots	Peas	Peas and carrots <sup>1</sup>	Pumpkin and squash	Broccoli
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1954.....	0.17	0.64	0.66	0.17	1.40	0.11	0.09	0.47
1955.....	.16	.66	.72	.21	1.34	.10	.09	.54
1956.....	.17	.72	.75	.15	1.50	.08	.10	.54
1957.....	.16	.73	.73	.26	1.58	.12	.12	.50
1958.....	.15	.79	.72	.26	1.64	.11	.09	.56
1959.....	.19	.80	.69	.27	1.61	.14	.10	.59
1960.....	.21	.76	.73	.35	1.75	.....	.11	.63
1961.....	.16	.72	.67	.33	1.64	.....	.11	.59
1962.....	.18	.81	.71	.39	1.84	.....	.07	.62
1963.....	.16	.87	.70	.34	1.78	.....	.06	.60
1964.....	.17	.84	.72	.42	1.81	.....	.07	.66
1965.....	.15	.91	.69	.51	1.98	.....	.07	.68
1966.....	.16	1.06	.70	.55	2.05	.....	.10	.71
1967.....	.17	.90	.73	.66	1.88	.....	.10	.77
1968.....	.16	1.00	.74	.72	2.08	.....	.12	.79
1969.....	.15	.96	.63	.72	1.78	.....	.13	.84
1970 <sup>2</sup> .....	.14	1.03	.70	.70	1.80	.....	.13	.64

  

Year	Leafy, green, and yellow vegetables—Continued			Other vegetables			Rhubarb	Potato products	Total
	Brussels sprouts	Spinach	Other <sup>3</sup>	Cauliflower	Corn, cut basis	Succotash <sup>1</sup>			
	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.	Lb.
1954.....	0.16	0.51	0.36	0.17	0.43	0.07	0.05	0.44	5.90
1955.....	.17	.57	.54	.19	.51	.06	.04	.74	6.64
1956.....	.20	.56	.39	.19	.66	.03	.02	1.20	7.26
1957.....	.19	.53	.51	.15	.59	.07	.04	1.21	7.49
1958.....	.17	.55	.64	.17	.69	.06	.03	1.44	8.07
1959.....	.20	.62	.67	.20	.68	.05	.03	2.04	8.88
1960.....	.19	.55	.84	.19	.64	.....	.03	2.68	9.66
1961.....	.19	.57	1.03	.19	.70	.....	.04	2.80	9.74
1962.....	.20	.56	.97	.22	.85	.....	.03	3.82	11.27
1963.....	.20	.57	.80	.19	.88	.....	.03	4.43	11.61
1964.....	.22	.62	.88	.20	.97	.....	.03	5.86	13.47
1965.....	.22	.62	.89	.20	1.13	.....	.03	5.72	13.80
1966.....	.20	.68	1.08	.25	1.26	.....	.03	6.93	15.76
1967.....	.20	.70	1.07	.25	1.60	.....	.03	7.58	16.64
1968.....	.18	.70	1.24	.26	1.59	.....	.04	8.54	18.16
1969.....	.23	.67	1.21	.30	1.44	.....	.04	9.84	18.94
1970 <sup>2</sup> .....	.21	.67	1.07	.35	1.57	.....	.04	10.79	19.84

<sup>1</sup> Included with "Other," beginning 1960.<sup>2</sup> Preliminary.<sup>3</sup> Included with "Leafy, green, and yellow vegetables" because most items are considered to be greens.Economic Research Service. Data for 1937-53 in *Agricultural Statistics, 1967*, table 296.

## FOOTNOTES FOR TABLE 293

<sup>1</sup> Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, New York, North Carolina, Oklahoma, Pennsylvania, Tennessee, Texas, and Virginia.<sup>2</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, North Dakota, Ohio, and Wisconsin.<sup>3</sup> California, Colorado, Idaho, Montana, Oregon, Utah, Washington, and Wyoming.<sup>4</sup> Includes small packs in other regions.<sup>5</sup> East, South, and West.<sup>6</sup> East, South, and Midwest.<sup>7</sup> East, South, Midwest, and West.<sup>8</sup> South and Midwest.<sup>9</sup> South and West.<sup>10</sup> Regional packs not reported; allocated on basis of aggregate packs of other items.

Economic Research Service. Data from American Frozen Food Institute.

## VEGETABLES AND MELONS, 1971

Table 295.—Commercially produced vegetables: Civilian per capita consumption, United States, 1954-70

Year	Fresh equivalent					As percentage of annual total			
	Total fresh and processed	Fresh <sup>1</sup>	Processed <sup>2</sup>			Fresh	Processed		
			Total	Canned	Frozen		Total	Canned	Frozen
	Pounds	Pounds	Pounds	Pounds	Pounds	Percent	Percent	Percent	Percent
1954.....	196.2	107.2	89.0	76.8	12.2	54.6	45.4	39.2	6.2
1955.....	198.5	105.2	93.3	80.2	13.2	53.0	47.0	40.4	6.6
1956.....	201.5	107.0	94.5	80.9	13.6	53.1	46.9	40.1	6.8
1957.....	201.0	106.4	94.6	80.6	14.0	52.9	47.1	40.1	7.0
1958.....	199.9	103.7	96.2	81.5	14.7	51.9	48.1	40.8	7.3
1959.....	198.4	102.3	96.1	81.2	14.9	51.6	48.4	40.9	7.5
1960.....	202.5	105.9	96.6	81.7	14.9	52.3	47.7	40.3	7.4
1961.....	199.9	103.8	96.1	81.3	14.8	51.9	48.1	40.7	7.4
1962.....	201.1	101.4	97.7	83.7	16.0	50.4	49.6	41.6	8.0
1963.....	201.7	101.4	100.3	84.9	15.4	50.3	49.7	42.1	7.6
1964.....	198.5	98.6	99.9	83.7	16.2	49.7	50.3	42.2	8.1
1965.....	201.3	98.6	102.7	85.3	17.4	49.0	51.0	42.4	8.6
1966.....	201.7	96.0	105.7	86.8	18.9	47.6	52.4	43.0	9.4
1967.....	209.2	98.1	111.1	91.2	19.9	46.9	53.1	43.6	9.5
1968.....	214.1	98.7	115.4	94.4	21.0	46.1	53.9	44.1	9.8
1969.....	214.4	98.6	115.8	96.3	19.5	46.0	54.0	44.9	9.1
1970 <sup>3</sup> .....	212.1	99.5	112.6	92.9	19.7	46.9	53.1	43.8	9.3

<sup>1</sup> See table 289 for items included. Excludes melons.<sup>2</sup> See tables 291 and 294 for items included. Data include pickles and sauerkraut in bulk; exclude canned and frozen potatoes, canned sweetpotatoes, canned baby foods, and canned soups.<sup>3</sup> Preliminary.Economic Research Service. Data for 1937-53 in *Agricultural Statistics, 1967*, table 297.

Table 296.—Frozen vegetables: Cold-storage carryover stocks, United States, 1961-70

Year	Asparagus (May 1)	Lima beans (Aug. 1)	Snap beans (July 1)	Broccoli (Sept. 1)	Brussels sprouts (Sept. 1)	Cauli- flower (Sept. 1)	Sweet corn (Aug. 1)	Green peas (June 1)	Spinach (Mar. 1)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1961.....	15,337	33,772	38,397	41,169	10,538	18,789	29,498	74,589	37,312
1962.....	17,644	54,792	62,011	24,674	11,301	12,946	49,806	86,350	38,912
1963.....	15,514	71,543	44,803	37,826	9,920	9,268	50,490	98,934	25,556
1964.....	11,786	46,987	50,778	44,046	10,903	13,825	39,547	100,694	35,147
1965.....	10,752	24,856	52,112	29,468	10,217	9,778	21,433	97,526	38,222
1966.....	14,960	24,705	40,627	33,771	12,375	15,841	30,065	113,526	30,354
1967.....	11,940	31,570	48,234	50,068	17,345	13,281	46,058	100,529	34,676
1968.....	18,870	50,735	78,654	69,896	17,387	15,648	67,711	124,341	42,732
1969.....	15,184	66,259	90,127	35,837	14,705	25,503	110,603	147,012	41,757
1970.....	10,973	62,522	62,495	48,020	10,410	23,003	112,411	136,698	20,457

Statistical Reporting Service. Data for 1939-60 in *Agricultural Statistics, 1967*, table 298.

Table 297.—Vegetables, canned: Canners' and distributors' stocks, beginning of season, United States, 1968-70

Commodity	Season beginning—	Canners' stocks			Distributors' stocks <sup>1</sup>		
		1968	1969	1970	1968	1969	1970
		1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>	1,000 cases <sup>2</sup>
Asparagus.....	March.....	1,386	1,697	1,619	647	647	562
Beans, lima.....	August.....	784	1,053	1,206	456	461	440
Beans, snap.....	July.....	9,651	11,111	9,135	3,125	3,273	3,121
Beets.....	July.....	2,161	3,982	3,594	936	1,067	1,050
Carrots.....	July.....	1,758	1,975	1,987	576	577	561
Corn.....	August.....	3,993	9,006	8,581	3,540	4,078	3,866
Peas, green.....	June.....	5,813	7,416	5,849	2,970	2,877	2,801
Pumpkin and squash.....	July.....	563	667	655	321	313	286
Sauerkraut <sup>3</sup> .....	August.....	2,745	2,200	2,121	533	554	520
Tomatoes.....	July.....	5,611	10,507	6,361	2,656	( <sup>4</sup> )	2,714
Tomato juice.....	July.....	6,797	8,424	6,490	1,962	( <sup>4</sup> )	1,843
Tomato catsup and chili sauce.....	July.....	13,907	( <sup>4</sup> )	( <sup>4</sup> )	3,020	( <sup>4</sup> )	( <sup>4</sup> )
Total of these items.....		55,169	( <sup>4</sup> )	( <sup>4</sup> )	20,781	( <sup>4</sup> )	( <sup>4</sup> )

<sup>1</sup> Data for asparagus, lima beans, sweet corn, and sauerkraut are either estimates or interpolations.<sup>2</sup> Actual cases.<sup>3</sup> Canners' stocks of sauerkraut converted to cases by using a factor of 14 cases of 24 1/2's per barrel (of 45 gallons).<sup>4</sup> Not available.

Consumer and Marketing Service. Compiled mainly from reports of the National Canners Association, the Cannerymen's Association, the National Fruit Packers Association, and the U.S. Department of Commerce.

## CHAPTER V

# STATISTICS OF FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES

Fruit production was defined, beginning with the 1969 crop, as the quantity sold or utilized. Production under this definition is comparable with the "production having value" series carried in earlier editions of Agricultural Statistics. Additional quantities of fruit left unharvested or culled from harvested fruit because of economic conditions are shown in the tables or footnotes. Losses from natural causes, such as windstorms, freezes, etc., are not included in production. Production relates to the crop produced on all farms, except for apples and strawberries. In accordance with Congressional enactment, the Department's estimates of apple production since 1938 have related only to the crop in commercial areas. The estimates for strawberries cover production on acreage grown primarily for sale.

The annual estimates are checked and adjusted at the end of each marketing season on the basis of shipment and processing records from transportation agencies, processors, cooperative marketing associations, and other industry organizations. The estimates are reviewed (and revised if necessary) at 5-year intervals, when the Census of Agriculture data become available. The Department's available statistics are limited to the major tree fruits and nuts and to grapes, cranberries, and strawberries, and exclude some States where census data indicate production is of only minor importance.

New tables in this chapter include data on mushroom production in the United States; value of mushroom imports by countries; and value of sales of carnations, chrysanthemums, gladioli, roses, and foliage plants, in major producing States.

Table 298.—Fruits and planted nuts: Bearing acreage, United States, 1954-70

Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3</sup>	Planted nuts <sup>4</sup>	Fruits and planted nuts	Year	Citrus fruits <sup>1</sup>	Major deciduous fruits <sup>2</sup>	Minor fruits <sup>3</sup>	Planted nuts <sup>4</sup>	Fruits and planted nuts
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1954.....	797.1	1,847.8	85.1	252.9	2,982.9	1963.....	775.4	1,668.7	89.3	252.5	2,785.9
1955.....	822.8	1,789.0	86.6	245.3	2,946.7	1964.....	781.4	1,668.7	90.2	259.6	2,799.9
1956.....	825.6	1,736.0	86.5	244.9	2,893.0	1965.....	827.8	1,669.7	86.2	263.2	2,846.9
1957.....	821.1	1,696.2	86.8	247.0	2,851.1	1966.....	876.0	1,655.7	84.2	272.5	2,889.3
1958.....	777.2	1,694.0	88.0	249.8	2,809.0	1967.....	938.5	1,652.3	83.4	284.4	2,958.6
1959.....	776.9	1,694.0	85.6	250.2	2,806.7	1968.....	1,002.0	1,660.3	81.5	292.3	3,036.1
1960.....	798.0	1,682.2	88.2	249.8	2,818.2	1969.....	1,066.4	1,656.8	80.4	303.6	3,107.2
1961.....	806.6	1,668.0	88.7	247.8	2,811.1	1970 <sup>5</sup> .....	1,146.3	1,657.4	81.2	321.0	3,205.9
1962.....	838.4	1,676.6	89.0	250.6	2,854.6						

<sup>1</sup> Oranges, tangelos, tangerines, lemons, and limes. Acreage is for the year of harvest; in previous publications, data were for the year of bloom.

<sup>2</sup> Commercial apples, peaches, pears, grapes, cherries, plums, prunes, and apricots.

<sup>3</sup> Nectarines, figs, olives, avocados, dates, persimmons, and pomegranates.

<sup>4</sup> Walnuts, almonds, and filberts.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 300.

Table 299.—Fruits: Production in tons, United States, 1954-70<sup>1</sup>

Year	Apples, commercial crop <sup>2</sup>	Peaches	Pears	Grapes	Cherries	Plums	Prunes (fresh basis)	Apricots	Figs (fresh basis)	Olives	Nec- tarines
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1954.....	2,678	1,473	715	2,563	204	73	507	160	88	50	19
1955.....	2,481	1,234	711	3,242	260	89	424	278	88	36	24
1956.....	2,431	1,662	770	2,911	168	101	580	196	87	70	19
1957.....	2,820	1,487	741	2,589	240	85	480	186	78	37	36
1958.....	3,004	1,689	693	3,023	192	69	292	108	81	66	31
1959.....	2,835	1,776	721	3,216	218	533		229	64	27	39
1960.....	2,456	1,778	623	3,069	185	461		237	60	66	44
1961.....	2,817	1,852	656	3,255	267	508		171	63	44	54
1962.....	2,843	1,774	708	3,238	276	543		165	71	52	51
1963.....	2,860	1,755	469	3,732	150	483		198	63	57	87
1964.....	3,120	1,714	719	3,478	344	630		218	67	54	75
1965.....	2,997	1,676	496	4,326	248	599		211	61	50	65
1966.....	2,823	1,690	722	3,733	200	481		192	68	63	68
1967.....	2,697	1,342	452	3,062	198	577		148	42	14	55
1968.....	2,721	1,795	616	3,549	228	528		149	52	86	64
1969.....	3,376	1,853	712	3,898	279	482		231	58	70	66
1970 <sup>3</sup> .....	3,111	1,506	537	3,119	241	670		176	51	52	66

Year	Avoc- ados	Oranges	Tan- gerines	Grape- fruit	Lemons	Limes	Tan- gelo	Temple	Cran- berries	Straw- berries, com- mercial crop	Total
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1954.....	56.5	5,329	214	1,948	637	14.8		99	51	204	17,083
1955.....	33.4	5,439	232	1,737	532	15.2		112	51	224	17,243
1956.....	25.5	5,511	214	1,874	498	16.0		126	48	274	17,022
1957.....	60.6	5,519	218	1,851	616	16.0	14.4	122	52	272	17,520
1958.....	55.2	4,651	100	1,630	642	14.0	15.8	68	58	266	16,748
1959.....	76.0	5,364	204	1,808	655	8.0	13.5	135	62	240	18,224
1960.....	37.3	5,273	128	1,695	693	12.8	24.8	176	67	233	17,319
1961.....	56.1	4,861	233	1,776	544	12.4	22.5	180	62	254	17,688
1962.....	51.7	5,823	200	1,748	636	13.6	45.0	207	59	260	18,764
1963.....	60.7	4,385	103	1,429	494	16.0	33.8	90	61	235	16,752
1964.....	36.7	3,732	182	1,377	724	18.0	40.5	153	66	274	17,022
1965.....	60.8	4,990	198	1,667	540	22.4	45.0	171	71	214	18,708
1966.....	80.3	5,810	191	1,894	599	16.6	54.0	202	79	232	19,198
1967.....	52.1	7,926	225	2,286	681	16.8	76.5	225	70	234	20,379
1968.....	73.7	5,439	160	1,781	641	28.8	76.5	202	73	260	18,523
1969.....	47.0	7,902	192	2,209	602	28.0	81.0	202	91	243	22,602
1970 <sup>4</sup> .....	78.8	8,028	180	2,187	590	29.0	113.0	234	102	247	21,318

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Estimates of the commercial crop refer to production in commercial apple areas of each State, 1954-58, and in orchards of 100 or more bearing-age trees, 1959 to date.<sup>3</sup> Beginning with the 1959 crop, plums and prunes combined.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 301.

## FOOTNOTES FOR TABLE 308

<sup>1</sup> Years shown refer to years of harvest in Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1969 is combined with preliminary forecasts for the Southern Hemisphere harvests which began late in 1969 and ended early in 1970.<sup>2</sup> Preliminary.<sup>3</sup> Basic production data reported in units other than bushels converted to 42-pound equivalents.<sup>4</sup> Commercial crop.<sup>5</sup> May include some cider apples.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



## 210 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 300.—Apples, commercial crop:<sup>1</sup> Production and season average price per pound, by States, 1968-70

Area and State	Production <sup>2</sup>			Price <sup>4</sup> for crop of—		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	Million pounds	Million pounds	Million pounds	Cents	Cents	Cents
<b>Eastern States:</b>						
Maine.....	66.0	61.0	62.0	7.60	6.37	6.00
New Hampshire.....	46.0	38.0	51.9	8.31	6.79	6.00
Vermont.....	36.3	38.0	38.0	8.50	7.75	6.30
Massachusetts.....	89.3	100.0	107.8	7.47	6.98	6.30
Rhode Island.....	4.8	4.0	5.4	8.09	8.06	7.00
Connecticut.....	47.9	48.2	50.4	8.20	7.85	6.40
New York.....	830.0	855.0	945.0	6.01	4.67	3.82
New Jersey.....	100.5	119.7	99.0	6.45	5.30	4.87
Pennsylvania.....	390.0	535.0	510.0	4.63	3.65	3.78
Delaware.....	10.8	14.0	12.0	4.85	5.01	4.20
Maryland.....	57.5	72.0	60.0	6.42	5.30	5.33
Virginia.....	413.0	472.0	463.0	4.82	3.80	3.75
West Virginia.....	220.8	260.0	242.0	5.81	4.55	4.00
North Carolina.....	169.8	204.0	223.0	5.03	4.09	4.08
South Carolina.....	8.6	8.0	13.0	8.29	9.32	9.25
<b>Total.....</b>	<b>2,491.3</b>	<b>2,818.9</b>	<b>2,891.5</b>			
<b>Central States:</b>						
Ohio.....	130.0	147.0	135.0	6.98	6.22	6.62
Indiana.....	58.0	90.0	83.0	6.41	5.91	5.53
Illinois.....	96.6	102.9	94.1	5.85	5.38	5.66
Michigan.....	555.0	720.0	710.0	5.24	3.74	3.79
Wisconsin.....	63.0	65.0	58.0	7.09	6.87	7.15
Minnesota.....	22.4	19.1	25.0	8.02	7.09	7.39
Iowa.....	15.4	15.0	14.0	7.19	7.29	8.41
Missouri.....	59.2	59.2	56.2	6.97	6.38	6.47
Kansas.....	15.9	14.4	11.6	5.22	4.62	4.30
Kentucky.....	19.1	20.9	16.4	6.37	6.00	6.80
Tennessee.....	10.4	10.4	9.0	5.11	4.81	5.63
Arkansas.....	7.1	9.1	7.7	6.15	5.14	4.65
<b>Total.....</b>	<b>1,082.1</b>	<b>1,273.0</b>	<b>1,220.0</b>			
<b>Western States:</b>						
Idaho.....	28.0	134.0	60.0	7.90	5.14	6.80
Colorado.....	74.0	77.0	63.0	5.90	4.17	5.50
New Mexico.....	36.5	24.9	25.5	5.24	5.85	5.30
Utah.....	28.0	42.0	27.5	6.70	4.05	5.69
Washington.....	1,025.0	1,675.0	1,330.0	7.95	2.93	5.00
Oregon.....	87.0	167.0	115.0	5.79	2.91	4.41
California.....	620.0	540.0	500.0	4.77	3.23	3.36
<b>Total.....</b>	<b>1,898.5</b>	<b>2,659.9</b>	<b>2,111.0</b>			
<b>United States.....</b>	<b>5,441.9</b>	<b>6,751.8</b>	<b>6,222.5</b>	<b>6.11</b>	<b>4.06</b>	<b>4.48</b>

<sup>1</sup> In orchards of 100 or more bearing-age trees.<sup>2</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruits are as follows (million pounds): 1968—Massachusetts, 2.7; Virginia, 4.0; North Carolina, 8.2; Minnesota, 0.7; Kentucky, 0.7; and New Mexico, 8.0; 1969—Rhode Island, 0.1; Connecticut, 0.4; New Jersey, 17.5; Pennsylvania, 10.0; Delaware, 1.0; Maryland, 2.0; Virginia, 12.0; West Virginia, 5.0; North Carolina, 19.0; Ohio, 3.0; Illinois, 2.1; Minnesota, 1.9; Kansas, 1.8; Kentucky, 0.6; Colorado, 3.0; New Mexico, 2.1; Utah, 9.0; and Washington, 20.0; 1970—New Hampshire, 1.1; Vermont, 2.0; Massachusetts, 2.2; Rhode Island, 1.6; Connecticut, 1.6; New York, 50.0; New Jersey, 11.0; Pennsylvania, 30.0; Delaware, 2.0; Maryland, 3.0; Virginia, 12.0; West Virginia, 3.0; North Carolina, 11.0; Illinois, 1.9; Minnesota, 1.0; Kansas, 0.9; Kentucky, 0.6; New Mexico, 1.5; Utah, 0.5; and Washington, 2.0.<sup>3</sup> Preliminary.<sup>4</sup> Fresh fruit prices are equivalent returns at packinghouse door for Washington, Oregon, and California; for other States, returns at point of first sale. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 301.—Apples: Production, value, and foreign trade, United States, 1959-70

Year	Apples, commercial crop <sup>1</sup>				Foreign trade, year beginning July <sup>2</sup>			
	Not utilized <sup>3</sup>	Production <sup>4</sup>	Season average price <sup>5</sup>	Value	Domestic exports			Imports, fresh and dried, in terms of fresh
					Fresh	Dried, in terms of fresh	Canned, in terms of fresh	
	Million pounds	Million pounds	Cents per pound	1,000 dollars	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1959	66.0	5,789.5	3.79	214,690	3,702	1,092	46	769
1960	66.0	5,698.2	4.84	287,780	2,960	384	45	1,020
1961	61.5	5,534.8	4.15	233,594	4,601	988	211	908
1962	4.0	5,685.1	4.32	245,851	2,902	923	216	1,707
1963	32.3	5,720.3	4.21	241,000	4,210	529	73	1,652
1964	79.1	5,775.6	4.00	249,626	4,595	626	74	947
1965	138.2	5,993.3	4.35	260,511	5,839	570		703
1966	111.3	5,646.4	4.46	252,080	4,096	308		1,445
1967	30.2	5,904.9	5.56	299,769	2,927	248		2,674
1968	22.3	5,441.9	6.11	332,236	1,577	204		2,612
1969	110.3	6,751.8	4.06	274,445	2,342	157		1,663
1970 <sup>6</sup>	138.9	6,222.5	4.48	278,730				

<sup>1</sup> In orchards of 100 or more bearing-age trees.

<sup>2</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>3</sup> Production is the quantity sold or utilized.

<sup>4</sup> Fresh fruit prices are equivalent returns at packinghouse door for Washington, Oregon, and California; for other States, returns at point of first sale. Beginning 1963, processing prices are equivalent returns at processing plant door. U.S. prices obtained by weighting State prices by quantity sold.

<sup>5</sup> Dried and canned are converted to terms of fresh apples on following basis: 1 pound dried is equivalent to 8 pounds fresh; 1 pound of canned is equivalent to about 2 pounds fresh; 48 pounds fresh equal 1 bushel. No re-exports reported.

<sup>6</sup> Census of Agriculture returns of total harvested production of all areas in the United States.

<sup>7</sup> July-December average. No longer reported separately.

<sup>8</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Data for 1934-58 in *Agricultural Statistics, 1967*, table 302. Italic figures are Census of Agriculture returns from the Bureau of the Census of harvested production. Foreign trade data from reports of the U.S. Department of Commerce.

Table 302.—Apples, fresh (dessert and cooking): Production in specified countries, 1968-70 <sup>1</sup>

Continent and country	1968	1969	1970 <sup>2</sup>	Continent and country	1968	1969	1970 <sup>3</sup>
	1,000 bushels <sup>4</sup>	1,000 bushels <sup>4</sup>	1,000 bushels <sup>4</sup>		1,000 bushels <sup>4</sup>	1,000 bushels <sup>4</sup>	1,000 bushels <sup>4</sup>
North America:				Europe—Continued			
Canada <sup>5</sup>	21,464	23,285	21,123	Spain	22,471	20,633	20,272
Mexico	6,735	7,244	7,375	Sweden <sup>6</sup>	2,268	1,701	2,268
United States <sup>7</sup>	130,100	163,383	153,693	Switzerland	4,783	6,005	4,955
Total	158,299	193,912	182,191	United Kingdom	18,533	21,909	25,973
South America:				Yugoslavia	15,957	25,353	15,747
Argentina	22,007	23,365	25,773	Total	400,091	480,382	416,579
Chile <sup>8</sup>	5,249	4,190	4,987	Asia:			
Europe:				Japan	59,629	56,953	54,828
Austria	10,036	10,341	9,894	Lebanon	5,923	4,199	4,199
Belgium and Luxembourg	9,763	16,377	13,175	Turkey	36,743	32,544	34,119
Denmark <sup>9</sup>	4,418	4,577	4,357	Africa:			
France	96,749	93,683	92,908	South Africa, Republic of	10,880	10,804	11,234
Germany, West	82,394	135,037	92,336	Oceania:			
Greece	10,069	10,157	10,866	Australia	22,174	19,481	25,848
Italy	101,401	108,469	96,110	New Zealand	5,614	7,019	5,866
Netherlands	17,947	24,583	24,671	Total specified countries <sup>10</sup>	730,519	832,817	765,114
Norway	3,422	3,367	3,047				

See footnotes on page 209.

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Table 303.—Apples, commercial crop: Production and utilization, United States, 1961-70

Crop of—	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			Home use	Sold	Fresh	Processed (fresh basis)			
						Canned	Dried	Frozen	Other <sup>3</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961.....	61.5	5,634.8	51.6	5,583.2	3,397.8	1,099.1	198.6	159.2	728.5
1962.....	4.0	5,685.1	48.2	5,636.9	3,369.0	1,111.0	225.5	174.4	757.0
1963.....	32.3	5,720.3	41.2	5,679.1	3,405.6	1,149.9	172.0	168.4	783.2
1964.....	79.1	6,240.3	40.4	6,199.9	3,528.5	1,310.8	142.3	198.3	1,030.0
1965.....	138.2	5,993.3	38.9	5,954.4	3,336.0	1,308.6	184.2	218.2	907.4
1966.....	111.3	5,646.4	36.1	5,610.3	3,178.2	1,043.2	254.4	206.7	927.8
1967.....	30.2	5,394.9	33.3	5,361.6	3,135.2	1,106.0	159.6	257.9	702.9
1968.....	22.3	5,441.9	34.7	5,407.2	3,154.7	1,174.8	173.7	228.0	676.0
1969.....	110.3	6,751.8	36.5	6,715.3	3,707.0	1,398.3	280.2	207.6	1,122.2
1970 <sup>4</sup> .....	138.9	6,222.5	35.2	6,187.3	3,450.9	1,183.0	172.8	180.8	1,199.8

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.<sup>2</sup> Production is the quantity sold or utilized.<sup>3</sup> Mostly crushed for vinegar, cider, and juice. For some States, small quantities canned, dried, and frozen are included.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 305.

Table 304.—Apples, commercial crop: Production and utilization, by States and regions, crop of 1970 (preliminary)

State and region	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			Home use	Sold	Fresh	Processed (fresh basis)			
						Canned	Dried	Frozen	Other <sup>3</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
New England States.....	8.5	315.5	.9	314.6	260.5	7.1	—	2.1	44.9
New York.....	50.0	945.0	1.4	943.6	356.0	292.1	( <sup>4</sup> )	65.8	229.7
Pennsylvania.....	30.0	510.0	1.5	508.5	193.5	225.1	( <sup>4</sup> )	—	89.9
Virginia.....	12.0	463.0	1.6	461.4	188.0	149.6	( <sup>4</sup> )	—	123.8
West Virginia.....	3.0	242.0	.6	241.4	74.6	100.1	—	7.6	59.1
Michigan.....	—	710.0	5.0	705.0	298.0	135.0	—	80.0	192.0
Washington.....	2.0	1,320.0	7.0	1,313.0	1,031.0	47.1	103.2	—	131.7
Oregon.....	—	115.0	.6	114.4	90.5	14.4	—	—	9.5
California.....	—	500.0	4.0	496.0	116.0	120.0	69.6	24.4	166.0
Other States.....	33.4	1,102.0	12.6	1,089.4	842.8	92.5	—	0.9	153.2
Eastern States <sup>4</sup> .....	130.5	2,891.5	11.3	2,880.2	1,366.9	832.2	—	76.4	604.7
Central States <sup>5</sup> .....	4.4	1,220.0	11.0	1,209.0	706.6	156.7	—	80.0	265.7
Western States <sup>6</sup> .....	4.0	2,111.0	12.9	2,098.1	1,377.4	194.1	172.8	24.4	329.4
United States.....	138.9	6,222.5	35.2	6,187.3	3,450.9	1,183.0	172.8	180.8	1,199.8

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.<sup>2</sup> Production is the quantity sold or utilized.<sup>3</sup> Mostly crushed for vinegar, cider, and juice. For some States, some quantities canned, dried, and frozen are included to avoid disclosure of individual operations.<sup>4</sup> Included in "Other" to avoid disclosure of individual operations.<sup>5</sup> Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, Pennsylvania, Delaware, Maryland, Virginia, West Virginia, North Carolina, and South Carolina.<sup>6</sup> Ohio, Indiana, Illinois, Michigan, Wisconsin, Minnesota, Iowa, Missouri, Kansas, Kentucky, Tennessee, and Arkansas.<sup>7</sup> Idaho, Colorado, New Mexico, Utah, Washington, Oregon, and California.

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Table 305.—Apples: International trade, 1967-69

Continent and country	1967		1968		1969	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
North America:						
Canada	3,683	1,106	3,742	1,686	3,092	1,472
Dominican Republic		35		20		41
Mexico				120		130
Panama		48		32		27
United States	4,282	1,846	2,429	2,545	2,133	2,228
Total	7,935	3,035	6,171	4,403	5,225	3,898
South America:						
Argentina	12,927		13,708		10,311	
Brazil		4,637		5,982		5,482
Chile	957		1,095		808	
Peru		961		382		
Venezuela		661		682		482
Total	13,884	6,259	14,803	7,046	11,119	5,914
Europe:						
Austria	48	1,968	1,209	1,578	1	2,365
Belgium and Luxembourg	2,342	2,865	2,013	3,398	1,922	3,648
Denmark	572	802	653	815	669	780
Finland		2,172		2,236		2,516
France:						
Table	10,735	3,579	17,182	2,558	21,064	2,952
Cider	2,125	1	1,603	13	1,728	9
Germany, West	200	28,804	1,050	31,007	449	31,097
Ireland		1,099		939		1,106
Italy	21,110	222	18,014	272	19,819	1,011
Netherlands	2,632	2,399	2,801	3,658	2,633	3,254
Norway		1,631		1,096		994
Sweden	95	2,880	75	2,884	72	2,792
Switzerland:						
Table	115	1,998	117	1,505	54	2,187
Cider	370	9	87		632	
United Kingdom		13,365		14,231		13,492
Yugoslavia	6	377		402	57	
Total	40,350	63,571	44,804	66,592	49,100	68,203
Africa:						
Morocco		26	1	17		
South Africa, Republic of	5,837		6,807		6,552	
Total	5,837	26	6,808	17	6,552	
Asia:						
Hong Kong	424	1,605	591	2,102	751	2,687
Japan	1,003		1,239		1,180	
Lebanon	4,482	43	6,951	26	4,905	23
Philippines		599		466		479
Total	5,909	2,247	8,781	2,594	6,836	3,189
Oceania:						
Australia	6,880		6,893		7,552	
New Zealand	2,130		2,413		2,453	
Total	9,019		9,306		10,035	
World total	82,934	75,138	90,673	80,652	88,867	81,204

<sup>1</sup> Includes pears.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

## 214 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 306.—Apples, fresh: United States exports by country of destination and imports by country of origin, 1967-69

Country	Year beginning July			Country	Year beginning July		
	1967	1968	1969		1967	1968	1969
<b>EXPORTS</b>				<b>EXPORTS—continued</b>			
Europe:	1,000 bushels	1,000 bushels	1,000 bushels	Other countries:	1,000 bushels	1,000 bushels	1,000 bushels
Belgium and Luxembourg		13	9	Canada	764	678	949
Denmark	22		1	Hong Kong	105	49	111
Finland	76	20	98	Malaysia	36	8	28
France	6	3		Netherlands Antilles	14	16	23
Germany, West	1			Philippines	32	17	16
Iceland	41	3	27	West Indies	75	71	69
Ireland	102	6	26	Other	77	63	49
Netherlands	56	177	35	Total	1,103	902	1,245
Norway	165	17	66	Grand total	3,345	1,802	2,676
Sweden	253	128	151	<b>IMPORTS</b>			
United Kingdom	936	149	311	Argentina	17	32	
Total	1,658	516	726	Canada	2,395	2,176	1,609
Latin American Republics:				New Zealand	62	103	106
Colombia	1			Other countries	71	128	160
Costa Rica	10	8	11	Total	2,543	2,439	1,877
Dominican Republic	31	21	41				
Mexico	162	171	255				
Panama	38	28	37				
Peru	2						
Venezuela	274	128	332				
Other countries	66	28	29				
Total	584	384	705				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 307.—Apples, western: Average auction price per box, all grades, New York, 1961-70

Season beginning July	Jonathan	Golden Delicious	Rome Beauty	Delicious	Yellow Newtown	Winesap	Average <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1961	3.73	5.12	3.30	6.28	4.39	5.62	5.93
1962		4.24	3.94	5.06	3.67	5.29	5.12
1963		4.64	3.59	5.15	4.10	5.11	4.97
1964		4.31	4.21	5.33		4.34	5.09
1965		4.47	4.00	5.55		4.66	5.59
1966		4.80	4.11	5.91		5.71	5.62
1967		6.02	3.95	6.75		6.52	6.51
1968		6.10	5.12	7.64		5.20	7.00
1969		4.33	2.58	4.15		5.83	4.23
1970 <sup>2</sup>		5.64	3.49	5.94		5.43	5.78

<sup>1</sup> Weighted average of varieties shown in this table.<sup>2</sup> Preliminary.Economic Research Service. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day. Data for 1944-60 in *Agricultural Statistics, 1967*, table 309.

Table 308.—Apricots: Production, value, and exports, United States, 1954-70<sup>1</sup>

Year	Not utilized <sup>2</sup>	Production <sup>2</sup>	Season average price per ton <sup>4</sup>	Value	Domestic exports, year beginning July				
					Fresh	Canned <sup>3</sup>	Dried <sup>3</sup>	Dried, in fruit salad <sup>3</sup>	Total, in terms of fresh
	Tons	Tons	Dollars	1,000 dollars	Tons	1,000 pounds	Tons	Tons	Tons
1954.....		150,900	126.00	20,096	3,261	7,201	1,701	305	16,236
1955.....	3,200	278,200	106.00	29,450	3,371	9,904	1,817	470	18,796
1956.....		196,100	134.00	26,282	2,171	14,074	2,061	418	20,127
1957.....	5,800	186,000	104.00	19,353	1,552	15,069	2,364	517	21,935
1958.....	1,000	108,300	154.00	16,651	310	5,237	430	525	6,133
1959.....	1,000	229,300	115.00	26,379	2,709	9,088	1,039	427	13,559
1960.....	5,530	237,070	105.00	24,924	1,357	11,617	1,766	340	16,489
1961.....	1,840	171,400	95.50	16,380	1,366	17,240	1,557	441	18,020
1962.....	600	165,100	142.00	23,494	1,905	7,475	798	499	11,340
1963.....	650	197,850	126.00	24,870	2,693	7,840	975	366	12,489
1964.....	2,100	218,000	124.00	26,978	2,102	6,609	1,404	386	13,751
1965.....	15,060	210,940	93.30	19,695	4,826	10,249	1,550	486	20,382
1966.....	1,060	192,400	125.00	24,136	2,002	6,003	1,293	335	13,580
1967.....	375	147,525	160.00	23,598	1,338	2,710	613	310	7,472
1968.....	120	149,280	184.00	27,539	955	2,471	460	243	8,777
1969.....	150	230,550	146.00	33,543	4,012	4,216	693	266	10,901
1970 <sup>5</sup> .....	300	176,400	111.00	19,508					

<sup>1</sup> Production, price, and value for California, Washington, and Utah. The 1964 Census of Agriculture showed these 3 States as having 98.0 percent of the 1964 production.

<sup>2</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>3</sup> Production is the quantity sold or utilized.

<sup>4</sup> Obtained by weighting State prices by quantity sold. Beginning 1963, quantities processed are priced at the equivalent processing plant door level.

<sup>5</sup> Net processed weight.

<sup>6</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Exports from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 310.

Table 309.—Apricots: Production and season average price per ton, by States, 1968-70

State	Production <sup>1</sup>			Price <sup>2</sup> crop for of—		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	Tons	Tons	Tons	Dollars	Dollars	Dollars
Utah.....	1,800	4,500	2,000	162	133	136
Washington.....	2,480	3,050	4,400	287	200	199
California.....	145,000	223,000	170,000	183	145	108
United States.....	149,280	230,550	176,400	184	146	111

<sup>1</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (tons): 1968—Washington, 120; 1969—Washington, 150; 1970—Washington, 300.

<sup>2</sup> Preliminary.

<sup>3</sup> Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.



## 216 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 310.—Apricots, fresh: Production in specified countries, 1968-70

Continent and country	1968	1969	1970 <sup>1</sup>	Continent and country	1968	1969	1970 <sup>1</sup>
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
North America:				Africa:			
Canada.....	3.6	0.2	4.3	South Africa, Republic of.....	25.5	25.5	12.9
United States.....	149.4	230.7	176.3	Asia:			
Total.....	153.0	230.9	180.6	Iran.....	46.8	35.8	66.1
South America:				Turkey.....	144.4	124.6	132.3
Argentina.....	19.3	18.7	20.2	Total.....	191.2	160.4	198.4
Chile.....	5.0	4.2	4.1	Oceania:			
Total.....	24.3	22.9	24.3	Australia.....	48.1	48.0	40.8
Europe:				New Zealand.....	5.1	7.4	1.2
Austria.....	19.0	22.8	20.8	Total.....	53.2	55.4	42.0
France.....	145.8	63.0	74.4	Total specified countries.....	1,007.6	844.4	923.5
Germany, West.....	7.3	4.1	6.4				
Greece.....	32.3	27.8	48.5				
Italy.....	121.0	73.7	115.7				
Spain.....	205.2	105.7	165.9				
Switzerland.....	12.1	13.2	8.8				
Yugoslavia.....	17.7	36.0	24.8				
Total.....	560.4	346.3	465.3				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 311.—Apricots: Production and utilization, United States, 1961-70

Crop of—	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold			
			Home use	Sold	Fresh	Processed (fresh basis)		
						Canned <sup>4</sup>	Dried	Frozen
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1961.....	18,400	171,400	1,370	170,030	17,985	114,245	32,500	5,300
1962.....	600	165,100	1,240	163,860	19,260	110,100	28,900	5,600
1963.....	650	197,850	1,020	196,830	16,530	125,400	47,900	7,000
1964.....	2,100	218,000	1,000	217,000	19,340	151,760	37,400	8,500
1965.....	15,060	210,940	725	210,215	* 14,415	156,000	30,800	9,000
1966.....	1,100	192,400	880	191,520	17,650	126,370	39,000	8,500
1967.....	375	147,525	910	146,615	10,645	106,270	22,000	7,700
1968.....	120	149,280	880	148,400	11,005	106,095	23,100	8,200
1969.....	150	230,550	930	229,620	13,870	164,450	41,800	9,500
1970 <sup>5</sup> .....	300	176,400	1,340	175,060	14,900	116,060	36,400	7,700

<sup>1</sup> California, Washington, and Utah.<sup>2</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.<sup>3</sup> Production is the quantity sold or utilized.<sup>4</sup> Includes some quantities frozen or otherwise processed.<sup>5</sup> Beginning 1965, includes some quantities canned.<sup>6</sup> Preliminary.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 313.

Table 312.—Apricots: Production and utilization, by States, crop of 1970 (preliminary)

State	Production <sup>1</sup>	Farm disposition		Utilization of quantities sold			
		Home use	Sold	Fresh	Processed (fresh basis)		
					Canned	Dried	Frozen
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Utah.....	2,000	200	1,800	1,800			
Washington.....	4,400	140	4,260	3,100	1,160		
California.....	170,000	1,000	169,000	10,000	114,900	36,400	7,700
United States.....	176,400	1,340	175,060	14,900	116,060	36,400	7,700

<sup>1</sup> Production is the quantity sold or utilized. <sup>2</sup> Some quantities canned or otherwise processed are included with fresh sales to avoid disclosure of individual operations. <sup>3</sup> Excludes 300 tons of excess cullage. <sup>4</sup> Some quantities used for juice, jam, dried, or frozen are included with canned to avoid disclosure of individual operations.

Statistical Reporting Service.

Table 313.—Bananas: International trade, 1967-69

Continent and country	1967	1968	1969	Continent and country	1967	1968	1969
<b>EXPORTS FROM SPECIFIED COUNTRIES</b>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<b>IMPORTS INTO SPECIFIED COUNTRIES</b>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
North America:				North America:			
Costa Rica.....	818	1,220	1,525	Canada.....	401	428	425
Dominican Republic.....	1	9	2	United States.....	3,605	3,676	3,597
Guadeloupe.....	176	232	224	Total.....	4,006	4,104	4,022
Guatemala.....	210	254	326				
Honduras.....	1,882	1,994	1,844	South America:			
Jamaica.....	426	344	344	Argentina.....	402	396	348
Martinique.....	425	435	382	Chile.....	124	167	173
Mexico.....	15	26	11	Uruguay.....	45	36	40
Nicaragua.....	88	91	63	Total.....	571	599	561
Panama.....	893	1,193	1,298				
Windward Islands.....	378	398	448	Europe:			
Total.....	5,312	6,196	6,467	Austria.....	123	130	131
South America:				Belgium and Luxembourg.....	169	171	163
Brazil.....	377	353	359	Denmark.....	94	89	85
Colombia.....	718	649	656	Finland.....	40	37	51
Ecuador.....	2,784	2,759	2,631	France.....	978	949	960
Total.....	3,879	3,761	3,646	Germany, West.....	1,370	1,236	1,193
Africa:				Ireland.....	43	44	50
Cameroun.....	107	99	106	Italy.....	702	716	703
Canary Islands <sup>1</sup> .....	115	93	77	Netherlands.....	221	214	195
Congo (Kinshasa).....	10	7	7	Norway.....	81	78	74
Ghana.....	1	1	1	Sweden.....	146	163	157
Guinea, Republic of.....	73	66	49	Switzerland.....	131	131	134
Ivory Coast.....	314	325	282	United Kingdom.....	778	755	787
Mozambique.....	31	40	27	Total.....	4,876	4,713	4,715
Somali Republic.....	181	187	208				
Total.....	632	818	757	Africa:			
Asia:				Algeria.....	8	22	28
Lebanon.....	22	15	14	Morocco.....	21	23	31
China (Taiwan).....	842	751	802	South Africa, Republic of.....	13	11	25
Total.....	864	766	816	Tunisia.....	5	2	8
Oceania.....	56	45	44	Total.....	47	58	92
World total.....	10,943	11,586	11,730	Asia:			
				Japan.....	1,061	1,406	1,628
				Syria.....	14	10	14
				Total.....	1,075	1,416	1,642
				Oceania:			
				New Zealand.....	67	50	43
				World total.....	10,642	10,940	11,075

<sup>1</sup> Excludes shipments to Spanish mainland.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

## 218 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 314.—Avocados: Production, season average price per ton, value, and imports, United States, 1954-70<sup>1</sup>

Year	California			Florida			California and Florida			Imports, year begin- ning July
	Production <sup>1</sup>	Price <sup>2</sup>	Value	Production <sup>1</sup>	Price <sup>2</sup>	Value	Production <sup>3</sup>	Price <sup>4</sup>	Value	
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	
1954	45,200	209	9,447	11,300	114	1,288	56,500	190	10,735	3,608
1955	30,000	414	8,280	13,400	112	1,504	33,400	292	9,784	2,671
1956	15,800	440	6,952	9,700	124	1,200	25,500	319	8,152	3,304
1957	46,300	195	9,028	14,300	106	1,511	60,600	174	10,539	2,860
1958	51,500	168	8,652	3,700	138	511	55,200	166	9,163	3,534
1959	69,000	111	7,659	7,000	88	620	76,000	109	8,279	4,384
1960	35,500	280	9,940	1,800	175	315	37,300	275	10,255	3,068
1961	50,000	214	10,700	6,100	170	1,037	56,100	209	11,737	84
1962	40,000	268	10,720	11,700	140	1,638	51,700	239	12,358	15
1963	46,800	259	12,121	13,900	142	1,974	60,700	232	14,095	7
1964	24,000	520	12,480	12,700	180	2,293	36,700	401	14,773	36
1965	58,000	262	15,196	2,800	450	1,260	60,800	271	16,456	125
1966	74,500	202	15,049	5,800	224	1,299	80,300	204	16,348	295
1967	37,400	460	17,204	14,700	188	2,764	52,100	383	19,968	187
1968	61,100	300	18,330	12,600	237	2,986	73,700	289	21,316	100
1969	33,000	660	21,780	14,000	288	4,032	47,000	549	25,812	399
1970 <sup>5</sup>	60,000	400	24,000	18,800	290	5,452	78,800	374	29,452	-----

<sup>1</sup> Production, price, and value for California and Florida only.<sup>2</sup> Production is the quantity sold or utilized. Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (tons): 500 in 1954, 875 in 1955, 1,125 in 1956, 545 in 1957, 400 in 1958, 950 in 1959, and 660 in 1964.<sup>3</sup> Equivalent returns per ton for bulk fruit at the first delivery point. Beginning 1963, quantities processed are priced at the equivalent processing plant door level.<sup>4</sup> Obtained by weighting State prices by quantity sold.<sup>5</sup> Preliminary.Statistical Reporting Service and Economic Research Service. Import data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 316.

Table 315.—Cherries: Production, value, and foreign trade, United States, 1954-70

Year	All varieties			Foreign trade, year beginning July			
	Not utilized <sup>1</sup>	Production having value <sup>2</sup>	Value	Domestic exports		Imports	
				Canned	Fresh	Natural, sulfured, or in brine	Dried or preserved
	Tons	Tons	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1954	150	204,080	51,037	629	3,060	3,874	3,036
1955	2,200	259,960	42,143	2,087	3,292	2,716	3,059
1956	-----	168,080	36,290	1,342	2,548	3,292	5,605
1957	680	239,540	48,776	6,709	2,019	5,942	5,869
1958	320	192,340	43,634	1,410	1,470	5,551	6,595
1959	922	217,928	53,854	4,830	2,169	3,940	7,553
1960	1,100	185,260	43,446	3,280	3,472	9,831	6,507
1961	900	266,520	60,388	5,567	2,648	4,675	6,505
1962	11,595	275,735	47,387	13,151	2,484	4,461	7,725
1963	860	150,150	40,300	2,706	2,955	11,603	6,656
1964	48,842	344,058	57,339	21,385	4,096	5,104	6,920
1965	16,536	247,594	44,911	33,534	4,687	1,977	7,183
1966	5,344	200,016	67,636	3,786	4,620	5,180	8,404
1967	837	198,443	74,973	3,390	3,727	5,626	8,623
1968	427	228,293	81,500	3,155	5,180	11,033	9,138
1969	7,170	278,430	66,295	15,072	7,337	2,696	8,421
1970 <sup>3</sup>	7,240	240,290	61,501	-----	-----	-----	-----

See footnotes at end of table.

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Table 315.—Cherries: Production, value, and foreign trade, United States, 1954-70  
—Continued

Year	Sweet varieties				Tart varieties			
	Not utilized <sup>1</sup>	Production having value <sup>2</sup>	Season average price per ton <sup>3</sup>	Value	Not utilized <sup>1</sup>	Production having value <sup>2</sup>	Season average price per ton <sup>3</sup>	Value
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Dollars	1,000 dollars
1954.....	150	97,760	295.00	28,824	.....	106,320	209.00	22,213
1955.....	2,200	110,860	221.00	24,496	.....	149,070	118.00	17,647
1956.....	.....	66,040	306.00	20,794	.....	99,040	156.00	15,496
1957.....	680	92,870	306.00	28,496	.....	146,670	138.00	20,280
1958.....	320	88,980	298.00	26,510	.....	103,410	166.00	17,124
1959.....	820	79,970	329.00	26,329	102	137,958	127.00	27,825
1960.....	1,100	69,420	362.00	25,136	.....	115,840	158.00	18,310
1961.....	900	101,850	323.00	32,867	.....	164,670	167.00	27,521
1962.....	2,000	109,080	288.00	31,039	5,959	166,655	98.00	16,348
1963.....	840	66,360	359.00	24,890	20	80,790	191.00	15,410
1964.....	1,395	118,135	290.00	34,252	47,447	225,923	102.00	23,087
1965.....	1,040	86,580	330.00	28,611	15,496	161,014	101.00	16,300
1966.....	4,860	111,050	389.00	43,183	484	88,966	273.00	24,453
1967.....	837	110,153	400.00	44,061	.....	88,200	350.00	30,912
1968.....	311	90,889	439.00	39,926	116	137,404	302.00	41,574
1969.....	850	126,800	337.00	42,785	6,320	151,630	155.00	23,510
1970 <sup>4</sup> .....	730	121,650	358.00	43,548	6,510	118,640	151.00	17,953

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.<sup>2</sup> Production is the quantity sold or utilized.<sup>3</sup> Preliminary.<sup>4</sup> Obtained by weighting State prices by quantity sold.Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 317.

Table 316.—Cherries, fresh: Production in specified countries, 1968-70

Continent and country	1968	1969	1970 <sup>1</sup>	Continent and country	1968	1969	1970 <sup>1</sup>
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
North America:				Europe—Continued			
Canada.....	14.9	18.9	18.0	Netherlands.....	8.2	6.0	5.5
United States.....	228.7	285.6	244.9	Norway.....	5.3	5.0	4.6
Total.....	243.6	304.5	262.9	Spain.....	60.2	55.3	48.3
South America:				Switzerland.....	56.2	49.6	54.0
Argentina.....	1.5	2.1	2.2	United Kingdom.....	6.7	4.8	12.2
Chile.....	4.0	3.9	3.9	Yugoslavia.....	89.0	95.3	102.0
Total.....	5.5	6.0	6.1	Total.....	1,040.8	884.3	1,007.1
Europe:				Asia:			
Austria.....	35.7	32.0	31.4	Japan.....	9.4	12.3	14.3
Belgium and Luxembourg.....	22.0	19.8	27.0	Turkey.....	87.1	88.2	88.2
Denmark <sup>2</sup> .....	2.0	2.2	2.8	Total.....	96.5	100.5	102.5
France.....	145.5	120.1	121.3	Oceania:			
Germany, West.....	366.6	278.7	350.9	Australia.....	7.6	8.4	7.8
Greece.....	27.2	26.8	37.7	Total specified countries.....	1,394.0	1,303.7	1,386.4
Italy.....	216.2	188.7	209.4				

<sup>1</sup> Preliminary.<sup>2</sup> Commercial production.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

## 220 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 317.—Cherries: Production and season average price per ton, by States, 1968-70

State	Production <sup>1</sup>			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
<b>SWEET VARIETIES</b>						
	Tons	Tons	Tons	Dollars	Dollars	Dollars
New York.....	4,900	7,300	3,200	344	242	284
Pennsylvania.....	1,089	1,100	800	472	460	502
Michigan.....	22,000	21,500	21,000	340	213	202
3 Great Lakes States.....	27,989	29,900	25,000			
Montana.....	1,300	350	1,270	529	540	311
Idaho.....	1,100	3,200	1,600	580	395	410
Colorado.....	200	650	280	585	343	520
Utah.....	7,700	3,800	2,300	369	325	360
Washington.....	11,900	23,800	25,800	579	340	400
Oregon.....	15,700	35,000	40,000	495	320	339
California.....	25,000	30,600	25,400	452	454	476
7 Western States.....	62,900	96,900	96,650			
United States.....	90,889	126,800	121,650	439	337	358
<b>TART VARIETIES</b>						
New York.....	14,300	15,300	18,200	309	162	158
Pennsylvania.....	7,500	11,000	8,090	302	157	166
Ohio.....	1,300	800	1,000	320	120	210
Michigan.....	100,000	106,000	79,000	300	152	143
Wisconsin.....	6,000	2,740	3,490	303	188	166
5 Great Lakes States.....	129,100	135,840	109,780			
Idaho.....	384	950	500	340	205	220
Colorado.....	1,800	1,760	1,010	295	165	184
Utah.....	4,700	6,180	4,900	302	160	142
Washington.....	320	700	450	453	173	320
Oregon.....	1,100	6,200	2,000	391	159	256
5 Western States.....	8,304	15,790	8,860			
United States.....	137,404	151,630	118,640	302	155	151

<sup>1</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (tons): Sweet cherries, 1968—Pennsylvania, 11; Washington, 300; 1969—Idaho, 100; Colorado, 50; Washington, 700; 1970—New York, 200; Montana, 130; Washington, 400; tart cherries, 1968—Idaho, 116; 1969—New York, 500; Michigan, 5,000; Wisconsin, 300; Utah, 520; 1970—New York, 1,600; Pennsylvania, 10; Michigan, 4,000; Wisconsin, 900.

<sup>2</sup> Preliminary.

<sup>3</sup> Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 318.—Cherries: Production and utilization, United States,<sup>1</sup> 1961-70

Crop of—	Not utilized <sup>2</sup>	Production <sup>3</sup>	Farm disposition		Utilization of quantities sold			
			Home use	Sold	Fresh	Processed (fresh basis)		
						Canned <sup>4</sup>	Frozen	Brined <sup>5</sup>
SWEET VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1961.....	900	101,850	2,440	99,410	33,056	18,516	700	47,138
1962.....	2,000	109,080	2,370	106,710	38,103	17,470	470	50,667
1963.....	840	69,360	1,680	67,680	31,790	8,790	360	26,740
1964.....	1,395	118,135	1,865	116,270	45,816	16,945	475	53,034
1965.....	1,040	86,580	1,409	85,171	28,395	15,175	-----	43,601
1966.....	4,860	111,050	1,674	109,376	42,464	12,543	1,105	53,264
1967.....	837	110,153	1,528	108,627	40,676	14,492	550	52,909
1968.....	311	90,889	1,136	89,753	34,676	11,115	300	43,662
1969.....	850	126,800	1,432	125,368	48,228	19,160	200	57,780
1970 <sup>6</sup> .....	730	121,650	1,123	120,527	47,289	11,820	100	61,318
TART VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1961.....	-----	164,670	1,487	163,183	6,190	62,563	93,870	560
1962.....	9,595	166,655	1,406	165,249	5,610	84,293	73,676	1,670
1963.....	20	80,790	995	79,795	3,885	30,845	44,350	715
1964.....	47,447	225,923	1,425	224,498	6,833	99,766	116,634	1,265
1965.....	15,496	161,014	1,192	159,822	4,903	68,193	85,001	1,725
1966.....	494	88,966	1,065	87,901	4,997	36,738	46,166	-----
1967.....	-----	88,290	854	87,436	3,108	30,374	53,954	-----
1968.....	116	137,404	681	136,723	4,803	48,411	83,509	-----
1969.....	6,320	151,630	836	150,794	4,405	63,221	83,168	-----
1970 <sup>6</sup> .....	6,510	118,640	682	117,958	4,980	43,358	69,620	-----

<sup>1</sup> New York, Pennsylvania, Ohio, Michigan, Wisconsin, Montana, Idaho, Colorado, Utah, Washington, Oregon, and California.

<sup>2</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>3</sup> Production is the quantity sold or utilized.

<sup>4</sup> Tart varieties. Includes small quantities used for juice, wine, preserves, and candied cherries; includes small quantities brined.

<sup>5</sup> Sweet varieties. Includes small quantities used for juice, wine, brandy, canning, etc.; small quantities frozen are also included. <sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 319.

Table 319.—Cherries: Production and utilization, by States, crop of 1970 (preliminary)

Variety and State	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold			
			Home use	Sold	Fresh	Processed (fresh basis)		
						Canned <sup>3</sup>	Frozen	Brined <sup>4</sup>
SWEET VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Great Lakes States <sup>5</sup> .....	200	25,000	190	24,810	3,190	2,560	-----	19,060
Washington.....	400	25,800	180	25,620	18,100	3,160	-----	4,360
Oregon.....	-----	40,000	500	39,500	6,100	5,700	-----	27,700
California.....	-----	25,400	100	25,300	15,300	400	100	9,500
Other Western States <sup>6</sup> .....	130	5,450	153	5,297	4,599	-----	-----	698
United States.....	730	121,650	1,123	120,527	47,289	11,820	100	61,318
TART VARIETIES	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Michigan.....	4,000	79,000	200	78,800	1,800	30,000	47,000	-----
Other Great Lakes States <sup>7</sup> .....	2,510	30,780	232	30,548	2,108	10,900	17,540	-----
Western States <sup>8</sup> .....	-----	8,860	250	8,610	1,072	2,458	5,080	-----
United States.....	6,510	118,640	682	117,958	4,980	43,358	69,620	-----

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>2</sup> Production is the quantity sold or utilized.

<sup>3</sup> For tart varieties includes some quantities used for juice, jam, jelly, brining, etc.

<sup>4</sup> For sweet varieties includes some quantities used for juice, wine, brandy, canning, freezing, etc.

<sup>5</sup> New York, Pennsylvania, and Michigan.

<sup>6</sup> Montana, Idaho, Colorado, and Utah.

<sup>7</sup> New York, Pennsylvania, Ohio, and Wisconsin.

<sup>8</sup> Idaho, Colorado, Utah, Washington, and Oregon.

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## 222 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 320.—Citrus fruits: Production, value, and foreign trade, United States, for season of 1960-61 to 1969-70

Season <sup>1</sup>	Not utilized <sup>2</sup>	Production <sup>3</sup>	Season average returns per box <sup>4</sup>	Value	Quantities processed <sup>5</sup>	Foreign trade <sup>6</sup>		
						Domestic exports <sup>7</sup>	Imports <sup>8</sup>	
ORANGES <sup>9</sup>								
1960-61	1,000 boxes	310	112,325	3.60	404,297	73,957	5,149	366
1961-62		270	133,025	2.68	356,908	95,691	4,995	246
1962-63		330	102,385	3.46	354,042	71,707	4,355	830
1963-64		550	88,505	4.67	413,578	52,319	5,110	1,632
1964-65		500	116,410	3.15	367,034	74,606	5,661	1,094
1965-66		600	135,520	2.48	335,895	92,077	6,855	707
1966-67		100	182,910	1.85	337,506	134,067	8,156	1,079
1967-68			124,570	3.08	384,055	91,712	7,319	1,078
1968-69			183,880	2.43	447,546	138,638	7,022	1,787
1969-70 <sup>10</sup>			185,660	2.13	395,074	141,560		
GRAPEFRUIT								
1960-61	10	43,370	1.27	55,199	18,748	2,661		35
1961-62	420	42,490	1.06	45,156	19,048	2,892		44
1962-63	2	34,738	1.64	57,090	18,097	1,989		20
1963-64	3	34,207	2.63	90,046	14,159	2,249		16
1964-65	3	41,027	1.90	78,147	18,911	2,363		19
1965-66	5	46,685	1.95	90,986	23,694	2,612		6
1966-67	200	55,676	1.37	76,559	30,438	3,429		20
1967-68		44,058	2.53	111,424	21,827	3,077		41
1968-69		54,170	1.68	90,732	31,503	2,952		100
1969-70 <sup>10</sup>		53,910	2.18	117,785	30,170			
LEMONS								
1960-61		14,340	2.49	35,756	4,658	2,673	(11)	
1961-62		16,740	2.17	36,379	7,724	2,096	(11)	
1962-63		12,960	4.00	51,899	3,754	2,810		2
1963-64		19,040	2.67	50,749	9,585	2,788		3
1964-65		14,210	3.31	47,057	5,239	2,747		3
1965-66		15,770	3.29	51,746	6,600	3,137		2
1966-67		17,910	3.28	58,685	8,623	3,250		1
1967-68		16,850	3.85	64,874	7,452	2,943		1
1968-69		15,810	4.40	69,571	6,931	3,695		1
1969-70 <sup>10</sup>		15,520	4.77	74,058	5,924			
LIMES								
1960-61		310	3.75	1,162	111			68
1961-62		340	3.80	1,292	152			64
1962-63		400	3.89	1,556	164			61
1963-64		450	4.39	1,976	213			56
1964-65	100	460	3.64	2,038	260			44
1965-66		415	4.88	2,025	140			45
1966-67		420	6.41	2,692	147			36
1967-68		720	4.47	3,218	377			32
1968-69		700	4.50	3,150	320			59
1969-70 <sup>10</sup>		725	5.09	4,125	351			
TANGERINES <sup>11</sup>								
1960-61		4,900	2.33	11,417	1,588			
1961-62		4,260	2.80	11,200	1,235			
1962-63		2,210	3.78	7,560	400			
1963-64		3,890	4.29	15,444	1,133			
1964-65	150	4,290	3.78	14,175	169			
1965-66		4,130	3.56	14,701	937			
1966-67	1,500	4,900	2.55	12,512	1,824			
1967-68		3,510	5.56	19,322	787			
1968-69	900	4,210	4.07	17,157	1,323			
1969-70 <sup>10</sup>		3,980	3.64	14,495	1,037			
TANGELOS								
1960-61		500	5.43	2,715	94			
1961-62		1,000	3.89	3,890	286			
1962-63		750	5.19	3,892	163			
1963-64		900	5.44	4,896	221			
1964-65		1,000	4.61	4,610	194			
1965-66		1,200	3.53	4,236	221			
1966-67	100	1,700	2.34	3,978	406			
1967-68		1,700	4.00	6,800	285			
1968-69		1,800	3.38	6,084	586			
1969-70 <sup>10</sup>		2,500	2.20	5,500	1,103			

See footnotes at end of table.

Table 320.—Citrus fruits: Production, value, and foreign trade, United States, for season of 1960-61 to 1969-70—Continued

Season <sup>1</sup>	Not utilized <sup>2</sup>	Production <sup>3</sup>	Season average returns per box <sup>4</sup>	Value	Quantities processed <sup>5</sup>	Foreign trade <sup>6</sup>	
						Domestic exports <sup>7</sup>	Imports <sup>8</sup>
	1,000 boxes	1,000 boxes	Dollars	1,000 dollars	1,000 boxes	1,000 boxes	1,000 boxes
<b>TEMPLES</b>							
1960-61	-----	4,000	3.88	15,520	1,653	-----	-----
1961-62	-----	4,600	2.63	12,098	2,284	-----	-----
1962-63	-----	2,000	3.56	7,120	1,172	-----	-----
1963-64	-----	3,400	5.01	17,034	1,874	-----	-----
1964-65	-----	3,800	3.34	12,692	1,554	-----	-----
1965-66	-----	4,500	2.42	10,890	2,010	-----	-----
1966-67	-----	5,000	1.50	7,500	1,998	-----	-----
1967-68	-----	4,500	3.55	15,975	1,699	-----	-----
1968-69	-----	4,500	3.07	13,815	2,397	-----	-----
1969-70 <sup>10</sup>	-----	5,200	2.28	11,856	2,377	-----	-----

<sup>1</sup> Season begins with the bloom of the first year shown and ends with the completion of harvest the following year. In California, picking usually extends from about Oct. 1 to Dec. 31 of the following year (15 months). In other States the season begins about Oct. 1 and ends in early summer, except for Florida limes, harvest of which usually starts about Apr. 1.

<sup>2</sup> Not harvested for economic reasons and excess cullage of harvested fruit.

<sup>3</sup> Production is the quantity sold or utilized.

<sup>4</sup> Equivalent returns per box at the intake packinghouse door for all methods of sale. When sale represents fruit sold at point other than intake packinghouse door, prices of fruit as sold are converted by additions or subtractions of necessary charges to or from prices of fruit as actually sold. Obtained by weighting State prices by quantity sold.

<sup>5</sup> Includes quantities used for juice, concentrates, grapefruit segments, and other citrus products. In some seasons, includes appreciable quantities of oranges and lemons in California delivered to processing plants which were not utilized, but for which growers received payment.

<sup>6</sup> Year beginning November for oranges and lemons; year beginning September for grapefruit; year beginning July for limes.

<sup>7</sup> Exports reported in pounds which are converted to boxes on the following basis: Oranges, 84 pounds per box; grapefruit, 76 pounds per box; lemons, 79 pounds per box.

<sup>8</sup> Imports converted to boxes on the following basis: Oranges, 90 pounds per box; grapefruit, 80 pounds per box; lemons, 78 pounds per box; limes, 80 pounds per box.

<sup>9</sup> Includes small quantities of tangerines in Louisiana, Texas, Arizona (prior to 1964), and California (prior to 1961); excludes Florida temples, except for foreign trade.

<sup>10</sup> Preliminary.

<sup>11</sup> Less than 500 boxes.

<sup>12</sup> Florida only, prior to 1961. Includes California beginning in 1961, and Arizona in 1964.

Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-59 in *Agricultural Statistics, 1967*, table 322.

## FOOTNOTES FOR TABLE 321—continued

<sup>4</sup> Navel and miscellaneous varieties in California and Arizona. Early and midseason varieties in Florida and Texas. All varieties in Louisiana. Includes small quantities of tangerines in Texas and Louisiana.

<sup>5</sup> Net content of box varies. Approximate averages are as follows: Oranges—California and Arizona, 75 pounds; Florida and other States, 90 pounds; grapefruit—California Desert Valleys and Arizona, 84 pounds; other California areas, 67 pounds; Florida, 85 pounds; Texas, 80 pounds; lemons—76 pounds; limes—80 pounds; tangelos—90 pounds; tangerines—California and Arizona, 75 pounds; Florida, 95 pounds; and temples—90 pounds.

Statistical Reporting Service.

## 224 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 321.—Citrus fruits: Production and season average returns per box, by States, 1967-68 to 1969-70

Crop and State	Production of crop for season <sup>1</sup> of—			Price <sup>2</sup> of crop for season of—		
	1967-68	1968-69	1969-70 <sup>3</sup>	1967-68	1968-69	1969-70
<b>ORANGES</b>						
Early, midseason, and Navel varieties: <sup>4</sup>	1,000 boxes	1,000 boxes	1,000 boxes	Dollars	Dollars	Dollars
California.....	9,180	18,600	21,200	4.33	3.01	2.84
Florida.....	51,400	69,700	72,900	2.59	2.36	1.91
Texas.....	970	2,800	2,800			
Arizona.....	880	1,270	1,120	6.43	3.51	2.40
Total above varieties <sup>5</sup> .....	62,400	92,370	98,020			
Valencia:						
California.....	10,000	25,700	17,800	4.44	1.93	2.70
Florida.....	49,100	60,000	64,800	3.02	2.62	2.04
Texas.....	830	1,700	1,400			
Arizona.....	2,240	4,110	3,640	4.03	1.81	1.87
Total Valencia <sup>5</sup> .....	62,170	91,510	87,640			
All oranges:						
California.....	19,180	44,300	39,000	4.39	2.38	2.78
Florida.....	100,500	129,700	137,700	2.80	2.48	1.97
Texas.....	1,800	4,500	4,200	2.19	1.86	1.40
Arizona.....	3,120	5,380	4,760	4.71	2.21	1.99
United States, all oranges <sup>5</sup> .....	124,570	183,880	185,660	3.08	2.43	2.13
<b>GRAPEFRUIT</b>						
Florida.....	32,900	39,900	37,400	2.63	1.64	2.35
Seedless.....	23,700	27,700	27,900	2.84	1.72	2.50
Other than seedless.....	9,200	12,200	9,500	2.07	1.45	1.91
Texas.....	2,800	6,700	8,100	2.17	1.46	1.56
Arizona.....	3,740	2,510	3,160	1.83	1.01	2.47
California.....	4,618	5,060	6,250	2.61	2.12	1.78
Desert Valleys.....	2,918	3,260	2,950	2.52	1.64	1.80
Other areas.....	1,700	1,800	2,300	2.76	2.99	1.75
United States, all grapefruit <sup>5</sup> .....	44,058	54,170	53,910	2.53	1.68	2.18
<b>LEMONS</b>						
California.....	13,600	12,300	12,700	3.96	4.84	4.75
Arizona.....	3,250	3,510	2,820	3.39	2.86	4.87
United States, lemons <sup>5</sup> .....	16,850	15,810	15,520	3.85	4.40	4.77
<b>LIMES</b>						
Florida.....	720	700	725	4.47	4.50	5.69
<b>TANGELOS</b>						
Florida <sup>5</sup> .....	1,700	1,800	2,500	4.00	3.38	2.20
<b>TANGERINES</b>						
Florida.....	2,800	3,400	3,000	5.71	4.08	3.73
Arizona.....	150	170	220	4.22	4.45	3.14
California.....	560	640	760	5.18	3.95	3.44
United States, tangerines <sup>5</sup> .....	3,510	4,210	3,980	5.56	4.07	3.64
<b>TEMPLES</b>						
Florida <sup>5</sup> .....	4,500	4,500	5,200	3.55	3.07	2.28

<sup>1</sup> Season begins with the bloom of the first year shown and ends with completion of harvest the following year. For oranges, harvest in California usually starts in early November of the year shown and continues into November of the following year. In other States, harvest of oranges begins about Oct. 1 and ends in early summer. Grapefruit harvest for the California Desert Valleys and for all other States, begins in the fall and ends by early summer. Harvest of other California grapefruit extends from early summer of the year after bloom through September. California lemons are harvested from November through the following calendar year. Florida lemons are picked mostly from April through December. Florida tangelos are harvested largely from October through April. Fruit ripened on the trees but destroyed by freezing or storms prior to picking is not included. Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 boxes): 1968-69—tangerines—Florida, 900.

<sup>2</sup> Preliminary.

<sup>3</sup> Equivalent returns per box at the intake packinghouse door for all methods of sale. When sale represents fruit sold at point other than packinghouse door, prices of fruit as sold are converted by additions or subtractions of necessary charges to or from prices of fruit as actually sold.

See footnotes on page 223.

## CITRUS FRUITS

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Table 322.—Citrus fruits: Production in specified countries, 1968-70<sup>1</sup>

Commodity and country	1968	1969	1970 <sup>2</sup>	Commodity and country	1968	1969	1970 <sup>2</sup>
<b>ORANGES, INCLUDING TANGERINES</b>				<b>GRAPEFRUIT—continued</b>			
North America:	1,000 boxes	1,000 boxes	1,000 boxes	South America:	1,000 boxes	1,000 boxes	1,000 boxes
British Honduras	1,092	718	1,029	Argentina	3,094	3,613	-----
Jamaica	2,726	2,687	2,751	Surinam	186	195	-----
Mexico	28,313	29,510	32,124	Total	3,280	3,808	-----
Trinidad and Tobago	318	449	343	Other Southern Hemisphere:	-----	-----	-----
United States	237,042	241,193	257,952	Australia	210	315	-----
Total	269,491	274,557	294,109	New Zealand	74	80	85
Mediterranean area:	-----	-----	-----	South Africa, Republic of	2,805	2,838	-----
Algeria	14,792	13,200	-----	Total	3,089	3,233	85
Cyprus	3,464	3,616	4,365	Southern Hemisphere	6,369	7,041	85
Greece	11,171	14,607	13,417	World total	72,341	72,889	72,704
Israel	26,620	28,572	31,809	<b>LEMONS</b>			
Italy	52,778	53,030	54,706	North America:	-----	-----	-----
Lebanon	4,239	4,252	4,252	United States	15,842	15,526	16,789
Morocco	22,672	25,800	23,709	Mediterranean area:	-----	-----	-----
Spain	54,529	67,248	69,907	Algeria	492	500	-----
Tunisia	2,157	2,157	2,173	Cyprus	696	737	772
Turkey	17,070	15,212	16,062	Greece	1,978	3,336	3,481
Total	209,492	227,694	220,400	Israel	939	1,031	1,015
Far East:	-----	-----	-----	Italy	23,343	22,568	22,916
Japan	89,213	76,328	95,837	Lebanon	1,450	1,450	1,450
China (Taiwan)	4,735	4,551	-----	Morocco	141	99	203
Total	93,948	80,879	95,837	Spain	2,310	3,696	3,573
Northern Hemisphere	572,931	583,130	610,436	Tunisia	348	348	348
South America:	-----	-----	-----	Turkey	3,771	3,538	3,771
Argentina	32,697	34,382	33,982	Total	35,468	37,303	37,529
Brazil	51,096	56,790	-----	Northern Hemisphere	51,310	52,829	54,318
Chile	1,370	1,200	1,323	South America:	-----	-----	-----
Surinam	361	372	-----	Argentina	5,628	5,854	-----
Total	85,524	92,804	35,305	Chile	1,015	1,015	1,044
Other Southern Hemisphere:	-----	-----	-----	Total	6,643	6,869	1,044
Australia	6,789	9,120	-----	Other Southern Hemisphere:	-----	-----	-----
South Africa, Republic of	14,706	14,883	-----	Australia	685	758	-----
Total	21,495	24,003	-----	New Zealand	63	68	76
Southern Hemisphere	107,019	116,807	35,305	South Africa, Republic of	479	485	-----
World total	679,950	699,937	645,741	Total	1,237	1,311	76
<b>GRAPEFRUIT</b>				Southern Hemisphere	7,880	8,180	1,120
North America:	-----	-----	-----	World total	59,190	61,009	55,438
British Honduras	281	257	280				
Jamaica	730	570	530				
Mexico	344	394	-----				
Trinidad and Tobago	446	493	420				
United States	55,215	54,662	60,045				
Total	57,016	56,376	61,275				
Mediterranean area:	-----	-----	-----				
Algeria	126	140	-----				
Cyprus	1,175	1,232	1,358				
Israel	7,128	7,694	9,645				
Morocco	348	216	148				
Spain	179	190	193				
Total	8,956	9,472	11,344				
Northern Hemisphere	65,972	65,848	72,619				

See footnotes on page 226.

## 226 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 323.—Canned citrus juices, single strength: United States packs, 1960-69

Season beginning November	Orange juice				Blended orange and grapefruit juice				Tan- gerine and tan- gerine blends
	Florida	California and Arizona	Texas	Total	Florida	California and Arizona	Texas	Total	
	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
1960.....	10,798	464	684	11,946	3,101	40	93	3,234	553
1961.....	13,762	380	822	14,964	3,863	23	47	3,933	262
1962.....	11,212	611	( <sup>2</sup> )	11,823	3,117	16	( <sup>2</sup> )	3,133	317
1963.....	7,682	510	( <sup>2</sup> )	8,192	2,416	157	( <sup>2</sup> )	2,573	221
1964.....	10,334	465	( <sup>2</sup> )	10,799	2,435	77	( <sup>2</sup> )	2,512	187
1965.....	11,363	699	82	12,144	2,684	227	( <sup>2</sup> )	2,911	62
1966.....	14,412	1,381	548	16,341	3,311	373	54	3,738	156
1967.....	9,817	320	277	10,414	2,043	110	( <sup>2</sup> )	2,187	49
1968.....	11,386	1,140	927	13,453	2,295	214	( <sup>2</sup> )	2,578	92
1969.....	11,223	<sup>4</sup> 3,073	( <sup>4</sup> )	14,296	2,192	<sup>4</sup> 228	( <sup>4</sup> )	2,419	47

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>2</sup> No pack reported.<sup>3</sup> Pack data not available.<sup>4</sup> Texas included with California and Arizona.

Economic Research Service. Based on data obtained from various canners' associations and individual canners. Data for 1944-59 in *Agricultural Statistics, 1967*, table 326.

## FOOTNOTES FOR TABLE 323

<sup>1</sup> Harvesting in Northern Hemisphere countries begins in November of the year shown, and in Southern Hemisphere countries begins in May following the year shown. Production in foreign countries converted to boxes of the following weights: Oranges, 70 pounds; grapefruit, 80 pounds; and lemons, 76 pounds.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 324.—Concentrated citrus juices: Annual packs by producing areas, 1960-69

Season beginning November	Frozen concentrated juice, 42° Brix				Frozen concentrate for lemonade, California- Arizona 1	Nonfrozen concentrated juice	
	Orange		Grape- fruit, Florida	Blend, Florida		Orange 68° Brix, Florida	Grapefruit 60° Brix, Florida
	California- Arizona 1	Florida					
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1960.....		84,374	3,841	256	8,450	155	20
1961.....	2,369	115,866	3,163	267		278	116
1962.....		51,648	2,323	53		54	36
1963.....		53,674	2,573	130		41	21
1964.....		88,869	4,000	70		70	55
1965.....		76,695	3,971	50		49	31
1966.....		131,755	5,485	29		119	32
1967.....		83,697	1,814	10		22	
1968.....		103,750	5,920	36		31	39
1969.....		124,947	4,294	16		34	40

<sup>1</sup> Data not available for years where no data are shown.<sup>2</sup> Beginning 1965, basis 45° Brix. Includes concentrated orange juice for manufacture.Economic Research Service. Based on data obtained from various canners' associations and individual canners. Data for 1944-59 in *Agricultural Statistics, 1967*, table 327.

Table 325.—Citrus products: United States exports by kind, 1960-69

Year beginning November	Orange juice			Grapefruit juice			Blended juices	Grapefruit sections
	Single strength	Concentrate		Single strength	Concentrate			
		Hot pack	Frozen		Hot pack	Frozen		
	1,000 cases <sup>1</sup>	1,000 gallons	1,000 gallons	1,000 cases <sup>1</sup>	1,000 gallons	1,000 gallons	1,000 cases <sup>1</sup>	1,000 cases <sup>2</sup>
1960.....	1,926	1,003	4,202	1,764	272	193	810	453
1961.....	2,609	1,148	4,905	2,165	173	264	782	354
1962.....	1,888	982	3,602	1,656	138	193	797	211
1963.....	1,142	965	2,464	811	185	181	459	147
1964.....	1,315	894	2,807	1,231	192	201	306	105
1965.....	1,844	842	3,060	915	165	251	343	128
1966.....	3,266	958	4,418	1,576	153	284	440	83
1967.....	3,878	724	4,226	1,315	188	355	289	92
1968.....	2,730	770	4,227	1,537	206	728	208	54
1969.....	3,569	1,640	5,816	1,779	360	913	219	63

<sup>1</sup> Cases of 3.4 United States gallons.<sup>2</sup> Equivalent cases of 24 No. 2 cans.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1952-59 in *Agricultural Statistics, 1967*, table 328.



## 228 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 326.—Grapefruit sections and single-strength juice, canned: Annual pack by producing areas, 1960-69

Season beginning November	Sections			Juice, single strength			
	Florida	Texas	Total	Florida	Texas	California and Arizona	Total
	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
1960.....	4,326	29	4,355	9,131	1,509	335	10,975
1961.....	4,209	13	4,222	10,190	375	663	11,228
1962.....	2,613	(?)	2,613	8,864	(?)	581	9,445
1963.....	3,063	(?)	3,063	5,143	(?)	1,162	6,305
1964.....	3,606	(?)	3,606	9,770	(?)	1,157	10,927
1965.....	4,002	(?)	4,002	12,090	610	1,126	13,826
1966.....	4,736	(?)	4,736	17,844	1,767	1,380	20,991
1967.....	3,412	(?)	3,412	13,300	750	1,776	15,826
1968.....	3,396	(?)	3,396	15,445	3,066	2,024	20,535
1969.....	3,325	(?)	3,325	16,423	(?)	<sup>2</sup> 5,701	22,124

<sup>1</sup> Equivalent cases of 24 No. 2 cans.<sup>2</sup> No pack reported.<sup>3</sup> Texas included with California and Arizona.Economic Research Service. Based on data obtained from various canners' associations and individual canners. Data for 1944-59 in *Agricultural Statistics, 1967*, table 329.

Table 327.—Oranges, fresh: United States exports by country of destination, 1967-69

Country of destination	Year beginning November			Country of destination	Year beginning November		
	1967	1968	1969		1967	1968	1969
Europe:	1,000 boxes	1,000 boxes	1,000 boxes	Other countries:	1,000 boxes	1,000 boxes	1,000 boxes
Belgium and Luxembourg.....	97	124	36	Canada.....	3,361	4,507	4,628
France.....	24	450	229	Hong Kong.....	664	1,317	1,613
Germany, West.....	6	76	60	Japan.....	64	92	130
Ireland.....		11	4	Malaysia.....	5	73	134
Netherlands.....	146	1,479	973	Nansei and Nanpo Islands.....	65	90	127
Norway.....	8	149	103	Netherlands Antilles.....	31	30	13
Sweden.....	7	50	31	New Zealand.....		71	64
United Kingdom.....	6	75	132	Philippines.....	45	60	18
Other countries.....	6	49	71	West Indies.....	40	36	18
Total.....	300	2,463	1,639	Others.....	29	25	25
Latin American Republics:				Total.....	4,304	6,301	6,770
Mexico.....	16	18	17	Grand total.....	4,621	8,783	8,427
Other countries.....	1	1	1				
Total.....	17	19	18				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 328.—Citrus fruits: International trade, 1967-69

Continent and country	1967		1968		1969	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>ORANGES</b>						
North America:	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Canada.....	6,315	6,315	5,478	5,478	6,331	6,331
Jamaica.....	137	60	58	58	1,027	1,027
Mexico.....	938	1,955	42	42	7,349	7,349
Trinidad and Tobago.....	44	49	1,691	1,691	1,072	1,072
United States.....	7,951	645	4,006	4,006	7,349	7,349
Total.....	9,070	6,960	6,070	7,169	8,476	7,403
South America:						
Argentina.....	22	13	30	30	1,794	1,794
Brazil.....	2,832	2,285	2,285	2,285	1,794	1,794
Total.....	2,854	13	2,315	2,315	1,794	1,794
Europe:						
Austria.....	1	2,557	5	2,609	1	2,930
Belgium and Luxembourg.....	383	4,574	366	4,531	895	5,467
Denmark.....	34	1,348	25	1,318	17	1,428
Finland.....	1,340	1,340	1,297	1,297	1,525	1,525
France.....	353	23,153	329	21,040	543	25,597
Germany, West.....	16	23,841	122	23,792	74	25,812
Greece.....	3,025	3,555	3,555	3,555	3,969	3,969
Ireland.....	566	566	574	574	649	649
Italy.....	5,466	1	5,503	1	5,451	5,451
Netherlands.....	279	7,535	863	8,031	1,081	8,306
Norway.....	1,698	1,698	1,913	1,913	1,920	1,920
Spain <sup>1</sup> .....	36,910	32,166	32,166	32,166	32,416	32,416
Sweden.....	44	3,432	42	3,449	63	3,549
Switzerland.....	5	2,899	4	3,027	5	3,141
United Kingdom.....	12,469	12,469	12,560	12,560	12,762	12,762
Yugoslavia.....	2,076	2,076	1,797	1,797	1,847	1,847
Total.....	46,516	87,489	42,980	85,939	44,515	94,933
Africa:						
Algeria.....	3,625	3,276	3,276	3,276	5,512	5,512
Morocco.....	15,383	17,808	17,808	17,808	17,260	17,260
South Africa, Republic of.....	8,845	9,311	9,311	9,311	7,387	7,387
Tunisia.....	1,247	635	635	635	1,102	1,102
Total.....	29,100	31,030	31,030	31,030	31,261	31,261
Asia:						
Cyprus.....	2,043	2,395	2,395	2,395	2,733	2,733
Hong Kong.....	90	2,349	82	2,176	87	2,482
Israel and Palestine.....	16,618	17,887	17,887	17,887	17,290	17,290
Japan.....	616	738	738	738	733	733
Lebanon.....	2,635	3,051	3,051	3,051	2,620	2,620
Philippines.....	113	113	113	113	1,274	1,274
Turkey.....	762	945	945	945	1,274	1,274
Total.....	22,764	2,462	25,098	2,176	24,737	2,482
Oceania:						
Australia <sup>2</sup> .....	730	922	922	922	635	635
New Zealand <sup>2</sup> .....	410	500	500	500	446	446
Total.....	730	410	922	500	635	446
Grand total.....	111,034	97,334	108,415	95,784	111,418	105,264

See footnotes at end of table

Table 328.—Citrus fruits: International trade, 1967-69—Continued

Continent and country	1967		1968		1969	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>GRAPEFRUIT</b>						
North America:	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Canada		2,266		1,918		2,566
Jamaica	100		135		90	
Trinidad and Tobago	125		66		25	
United States	3,383	21	2,317	48	3,483	63
Total	3,608	2,287	2,518	1,966	3,598	2,629
South America:						
Brazil	58		70		40	
Europe:						
Belgium and Luxembourg	27	311	27	333	119	411
Denmark	10	101		92	2	118
Finland		60		65		82
France	28	1,299	15	1,487	50	1,715
Germany, West	2	1,730	43	2,051	31	1,901
Netherlands	5	432	44	580	141	502
Sweden	3	127	1	113	1	111
United Kingdom		2,234		2,553		2,263
Total	75	6,294	130	7,274	344	7,103
Africa:						
Algeria	30		29		19	
Morocco	126		39		39	
South Africa, Republic of	1,309		1,691		1,148	
Total	1,465		1,659		1,206	
Asia:						
Cyprus	904		917		1,128	
Israel and Palestine	3,415		3,779		3,788	
Total	4,319		4,696		4,916	
Oceania:						
New Zealand <sup>1</sup>		8		7		1
Grand total <sup>1</sup>	9,525	8,589	9,073	9,247	10,104	9,733
<b>LEMONS</b>						
North America:						
Canada		466		450		476
United States	3,348	1	3,490		3,120	
Total	3,348	467	3,490	450	3,120	476
Europe:						
Austria	1	700		722		714
Belgium and Luxembourg	8	459	14	497	15	509
Denmark	10	202	11	204	5	193
Finland		103		99		112
France	12	2,730	14	2,788	15	2,959
Germany, West	3	3,855	18	3,977	28	3,807
Greece	1,492		806		1,103	
Ireland		96		100		125
Italy	9,288		10,366		11,917	
Netherlands	9	290	85	367	73	346
Spain	1,645		999		822	
Sweden	2	175	6	185		191
Switzerland		518	1	523		538
United Kingdom		983		999		979
Yugoslavia		892		774		767
Total	12,473	11,003	12,320	11,235	13,984	11,240

See footnotes at end of table.

Table 328.—Citrus fruits: International trade, 1967-69—Continued

Continent and country	1967		1968		1969	
	Exports	Imports	Exports	Imports	Exports	Imports
LEMONS—continued						
Africa:	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes	1,000 boxes
Algeria.....	16	.....	10	.....	26	.....
Morocco.....	84	.....	71	.....	57	.....
South Africa, Republic of.....	188	.....	187	.....	188	.....
Tunisia.....	134	.....	118	.....	23	.....
Total.....	422	.....	386	.....	294	.....
Asia:						
Cyprus.....	452	.....	663	.....	440	.....
Israel and Palestine.....	465	.....	536	.....	527	.....
Japan.....	.....	867	.....	1,042	.....	1,104
Lebanon.....	1,157	.....	983	.....	1,151	.....
Syria.....	.....	360	.....	280	.....	340
Turkey.....	578	.....	725	.....	708	.....
Total.....	2,652	1,217	2,907	1,322	2,826	1,534
Oceania:						
New Zealand <sup>1</sup> .....	.....	1	.....	1	.....	2
Grand total <sup>2</sup> .....	18,895	12,688	19,103	13,008	20,224	13,252

<sup>1</sup> Includes Canary Islands.<sup>2</sup> Year beginning July 1.<sup>3</sup> Does not include imports into Soviet Bloc countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 329.—Dates: Production, season average price per ton, value, and imports, United States, 1954-70<sup>1</sup>

Year	California			Imports, year be- ginning July	Year	California			Imports, year be- ginning July
	Production	Price <sup>2</sup>	Value			Production	Price <sup>2</sup>	Value	
	Tons	Dollars	1,000 dollars	Tons		Tons	Dollars	1,000 dollars	Tons
1954.....	15,400	94	1,448	22,186	1963.....	22,100	129	2,851	19,733
1955.....	25,300	99	2,505	30,479	1964.....	24,300	148	3,596	18,507
1956.....	19,200	105	2,016	22,101	1965.....	21,000	110	2,310	14,540
1957.....	23,300	113	2,633	23,226	1966.....	21,300	144	3,067	14,429
1958.....	19,600	109	2,136	17,942	1967.....	20,800	151	3,141	12,975
1959.....	26,000	128	3,328	16,814	1968.....	23,000	163	3,749	13,782
1960.....	22,100	123	2,718	17,685	1969.....	16,500	154	2,541	10,901
1961.....	21,400	150	3,210	16,044	1970 <sup>3</sup> .....	18,100	153	2,769	.....
1962.....	24,200	156	3,775	16,199					

<sup>1</sup> Production, price, and value for California only. Production of dates was also reported in Arizona in the 1964 Census of Agriculture, but of the total production 99.3 percent was in California.<sup>2</sup> Equivalent returns per ton for bulk fruit at the first delivery point. Beginning 1963, quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Imports from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 332.

## 232 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

**Table 330.—Cranberries: Acreage, yield, production, season average price per barrel, value, and quantities processed, United States, 1954-70<sup>1</sup>**

Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price <sup>3</sup>	Value	Quantities processed <sup>4</sup>	Year	Acreage harvested	Yield per acre	Production <sup>2</sup>	Price <sup>3</sup>	Value	Quantities processed <sup>4</sup>
	Acres	Bbl. <sup>5</sup>	Bbl. <sup>5</sup>	Dol.	1,000 dol.	Bbl. <sup>5</sup>		Acres	Bbl. <sup>5</sup>	Bbl. <sup>5</sup>	Dol.	1,000 dol.	Bbl. <sup>5</sup>
1954.....	22,970	44.3	1,018,500	10.70	10,926	579,800	1963.....	20,120	62.4	1,254,500	11.90	14,458	792,100
1955.....	22,270	46.1	1,025,800	8.24	8,450	517,100	1964.....	20,620	65.2	1,344,500	14.40	19,137	884,300
1956.....	21,520	45.9	987,700	8.83	8,561	519,600	1965.....	20,640	69.6	1,436,800	15.50	22,072	1,033,200
1957.....	21,240	49.4	1,050,000	11.20	11,722	618,900	1966.....	20,760	77.0	1,598,600	15.00	24,561	1,249,600
1958.....	20,920	55.7	1,165,600	11.60	13,537	705,900	1967.....	21,220	66.2	1,404,300	15.50	21,832	1,034,900
1959.....	21,290	58.8	1,251,700	9.06	11,167	357,800	1968.....	21,135	69.4	1,467,800	16.50	24,227	1,111,200
1960.....	21,140	63.4	1,340,700	8.33	11,805	845,100	1969.....	21,185	86.1	1,823,100	16.40	29,839	1,417,900
1961.....	21,440	57.7	1,236,400	8.58	10,604	596,500	1970 <sup>6</sup> .....	21,445	95.1	2,038,600	12.90	26,329	1,418,600
1962.....	20,570	64.4	1,324,500	10.80	12,803	660,800							

<sup>1</sup> Estimates relate to Massachusetts, New Jersey, Wisconsin, Washington, and Oregon.

<sup>2</sup> Includes shrinkage and the following quantities unharvested and excess cullage of harvested fruit (1,000 barrels): 18 in 1956, 4 in 1960, and 1 in 1961. In 1959, includes 18,900 barrels unharvested, confiscated, and dumped which did not qualify for payment under the Cranberry Payment Program, AMM, 181a. Includes 143,000 barrels in 1962 and 44,000 barrels in 1963 of cranberries dumped, or used for charity or experimental purposes and 192,000 barrels set aside in 1970, under the Cranberry Marketing Order.

<sup>3</sup> Obtained by weighting State prices by quantity sold. Equivalent returns for fruit at the first receiving station. For 1959, includes returns to growers for cranberries dumped which qualified for payment under the Cranberry Payment Program, AMM, 181a.

<sup>4</sup> Mainly for canning.

<sup>5</sup> Barrels of 100 pounds.

<sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 333.

**Table 331.—Cranberries: Acreage, yield, production, and season average price per barrel, by States, 1968-70**

State	Acreage harvested			Yield per acre			Production <sup>2</sup>			Price for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	Acres	Acres	Acres	Bbl. <sup>5</sup>	Bbl. <sup>5</sup>	Bbl. <sup>5</sup>	Barrels	Barrels	Barrels	Dollars	Dollars	Dollars
Massachusetts.....	11,000	11,100	10,900	60.0	68.0	87.8	660,000	755,000	957,000	16.60	16.30	12.80
New Jersey.....	3,300	3,000	3,100	47.0	53.3	57.0	155,000	160,000	179,000	16.70	16.50	13.10
Wisconsin.....	5,200	5,400	5,700	84.2	138.1	123.2	438,000	746,000	702,000	16.20	16.40	13.00
Washington.....	1,000	1,000	1,000	163.0	105.0	140.0	163,000	105,000	140,000	16.70	16.40	13.00
Oregon.....	635	685	745	81.6	83.4	81.3	51,800	57,100	60,600	16.70	16.40	13.00
United States.....	21,135	21,185	21,445	69.4	86.1	95.1	1,467,800	1,823,100	2,038,600	16.50	16.40	12.90

<sup>1</sup> Preliminary.

<sup>2</sup> Production includes shrinkage.

<sup>3</sup> Barrels of 100 pounds.

Statistical Reporting Service.

Table 332.—Figs: Production, season average price per ton, value, and foreign trade, United States, 1954-70

Year	California										Foreign trade, year beginning July (dried figs)		
	Dried (dry basis)					Fresh and canned			Total		Imports for con- sump- tion <sup>4</sup>	Do- mestic exports	
	Production			Price	Value	Produce- tion (fresh basis)	Price <sup>1</sup>	Value	Produce- tion (fresh basis) <sup>2</sup>	Price <sup>1, 3</sup>			Value
	Total	Stand- ard	Sub- stand- ard										
Tons	Tons	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Tons	
1954	25,600	20,880	4,720	166.00	4,250	11,000	109.00	1,199	87,800	62.00	5,449	3,251	656
1955	25,400	22,610	2,790	205.00	5,207	12,000	115.00	1,380	88,200	74.60	6,587	2,378	693
1956	24,800	20,480	4,320	139.00	3,447	12,000	115.00	1,380	86,400	55.60	4,827	2,707	715
1957	22,700	19,000	3,700	169.00	3,836	10,000	120.00	1,200	78,100	64.30	5,036	2,121	714
1958	23,200	18,740	4,460	194.00	4,501	11,000	125.00	1,375	80,600	57.10	5,876	2,730	799
1959	19,100	16,590	2,510	217.00	4,125	6,600	166.00	1,096	63,900	82.00	5,241	1,789	719
1960	17,200	15,900	1,300	230.00	3,956	8,500	158.00	1,343	60,100	88.20	5,299	2,404	841
1961	18,500	16,200	2,300	196.00	3,626	7,700	165.00	1,270	63,200	77.50	4,896	2,556	859
1962	20,400	18,700	1,700	204.00	4,162	10,000	162.00	1,620	71,200	81.20	5,782	2,644	803
1963	18,500	15,300	3,200	192.00	3,552	7,600	184.00	1,398	63,100	78.40	4,950	2,561	730
1964	19,000	16,800	2,200	237.00	4,503	10,000	181.00	1,810	67,000	94.20	6,313	2,471	829
1965	18,400	14,500	3,900	191.00	3,514	6,000	177.00	1,062	61,200	74.80	4,576	1,807	842
1966	20,600	18,400	2,200	188.00	3,873	5,900	181.00	1,086	67,800	89.40	4,959	1,677	845
1967	12,200	10,900	1,300	209.00	2,550	5,600	205.00	1,148	42,200	87.40	3,698	1,385	919
1968	15,800	13,000	2,800	212.00	3,350	4,200	270.00	1,134	51,600	86.50	4,484	2,341	797
1969	17,500	14,380	3,120	206.00	3,605	5,500	276.00	1,518	58,000	88.10	5,123	1,253	810
1970 <sup>5</sup>	14,400	12,200	2,200	211.00	3,038	7,400	275.00	2,035	50,600	90.90	5,073	-----	-----

<sup>1</sup> Equivalent returns per ton for bulk fruit at the first delivery point. Beginning 1963, quantities processed are priced at the equivalent processing plant door level.

<sup>2</sup> California dried figs converted to fresh basis at ratio of 3 pounds fresh to 1 pound dried.

<sup>3</sup> Obtained by weighting utilization group or State prices by quantity sold.

<sup>4</sup> Dried only.

<sup>5</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1954-53 in *Agricultural Statistics, 1967*, table 335.



## 234 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 333.—Grapes: Production, value, and foreign trade; also raisin production and foreign trade, United States, 1954-70

Year	Grapes						Total value
	Production (fresh basis) <sup>1</sup>			Season average price per ton <sup>2</sup>			
	California	Other States	United States	California <sup>3</sup>	Other States <sup>4</sup>	United States <sup>4</sup>	
	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars	
1954.....	2,327	236	2,563	46.10	110.00	51.70	133,326
1955.....	3,020	222	3,242	39.10	102.00	43.20	140,651
1956.....	2,641	270	2,911	48.10	87.90	51.70	150,886
1957.....	2,382	206	2,588	59.60	100.00	62.70	162,832
1958.....	2,741	282	3,023	63.30	111.00	67.60	204,856
1959.....	2,940	276	3,216	48.40	116.00	54.10	174,529
1960.....	2,766	303	3,069	48.40	110.00	54.40	167,292
1961.....	2,967	288	3,255	50.20	108.00	55.30	180,354
1962.....	2,928	311	3,239	57.10	117.00	62.80	203,631
1963.....	3,439	293	3,732	46.00	137.00	53.10	198,416
1964.....	3,145	333	3,478	55.80	129.00	62.80	218,637
1965.....	3,975	376	4,351	38.90	114.00	44.90	194,457
1966.....	3,400	309	3,709	50.00	110.00	55.30	206,738
1967.....	2,700	362	3,062	62.80	118.00	69.30	212,492
1968.....	3,255	294	3,549	60.30	135.00	66.40	235,827
1969.....	3,595	303	3,898	65.10	162.00	72.60	283,094
1970 <sup>5</sup> .....	2,763	356	3,119	85.70	173.00	95.60	298,482

Year	Grapes		Production (California) <sup>7</sup>	Raisins	
	Foreign trade, year beginning July			Foreign trade, year beginning September <sup>8</sup>	
	Domestic exports, fresh	Imports, fresh <sup>6</sup>		Domestic exports <sup>9</sup>	Imports for consumption
	Tons	Tons		Tons	Tons
1954.....	57,040	22,109	168	38,804	44
1955.....	71,715	21,387	225	85,746	34
1956.....	72,641	12,687	209	54,602	80
1957.....	77,355	9,897	163	30,011	60
1958.....	82,517	15,683	186	25,095	639
1959.....	94,666	12,085	223	48,060	173
1960.....	97,181	17,556	194	66,107	120
1961.....	82,359	13,695	228	70,006	23
1962.....	100,152	12,197	191	48,649	929
1963.....	95,040	19,456	266	60,555	528
1964.....	101,106	25,733	231	60,005	163
1965.....	131,247	28,125	270	76,238	171
1966.....	125,173	15,082	280	71,849	229
1967.....	113,757	23,275	181	74,732	100
1968.....	119,023	15,884	264	77,742	129
1969.....	143,975	16,338	251	80,986	1,006
1970 <sup>5</sup> .....			193		

<sup>1</sup> Production is the quantity sold or utilized. Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (1,000 tons): California—81 in 1963; other States—6 in 1957, 0.2 in 1962, 25 in 1965, 0.3 in 1966, and 6.8 in 1967.

<sup>2</sup> Beginning 1963, quantities processed are priced at the equivalent processing plant door level.

<sup>3</sup> Equivalent returns per ton for bulk fruit at the first delivery point.

<sup>4</sup> Obtained by weighting State prices by quantity sold.

<sup>5</sup> Preliminary.

<sup>6</sup> Converted on the basis of appropriate current weights per cubic foot for various countries concerned.

<sup>7</sup> Included in total production of grapes, fresh basis; 1 ton of raisins is equivalent to about 4 tons of fresh grapes.

<sup>8</sup> Exports and imports of raisins converted to sweatbox, or production basis at the ratio of 1 to 1.08.

<sup>9</sup> Includes currants.

Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1934-53 in *Agricultural Statistics, 1967*, table 336.

Table 334.—Grapes: Production and season average price per ton, by States, 1968-70

State and division	Production			Price <sup>1</sup> for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	Tons	Tons	Tons	Dollars	Dollars	Dollars
New York.....	116,000	121,000	152,000	135.00	179.00	178.00
New Jersey.....	870	960	1,400	136.00	150.00	160.00
Pennsylvania.....	37,400	25,000	45,000	138.00	177.00	160.00
North Atlantic.....	154,270	146,960	198,400			
Ohio.....	10,000	9,300	11,000	135.00	185.00	190.00
Michigan.....	23,000	38,000	62,000	122.00	132.00	132.00
Missouri.....	3,750	4,500	2,500	132.00	142.00	158.00
North Central.....	36,750	51,800	75,500			
North Carolina.....	2,000	2,200	2,200	186.00	262.00	298.00
South Carolina.....	4,000	4,800	5,200	123.00	157.00	193.00
Georgia.....	1,420	1,150	1,430	151.00	162.00	158.00
South Atlantic.....	7,420	8,150	8,830			
Arkansas.....	8,500	11,000	8,200	121.00	137.00	146.00
South Central.....	8,500	11,000	8,200			
Arizona.....	13,600	15,200	10,900	391.00	250.00	340.00
Washington.....	73,500	69,400	54,500	90.00	111.00	137.00
California, all.....	3,255,000	3,595,000	2,763,000	60.30	65.10	85.70
Wine varieties.....	650,000	775,000	537,000	71.10	80.50	118.00
Table varieties.....	470,000	665,000	336,000	55.80	56.70	108.00
Raisin varieties.....	2,135,000	2,155,000	1,890,000	58.00	62.20	72.50
Raisins <sup>2</sup> .....	264,000	251,000	193,000	263.00	264.00	279.00
Not dried.....	1,025,000	1,148,000	1,070,000	53.00	59.10	77.80
Western.....	3,342,100	3,679,600	2,828,400			
United States.....	3,549,040	3,897,510	3,119,330	66.40	72.60	95.60

<sup>1</sup> Preliminary.<sup>2</sup> Quantities processed are priced at the equivalent processing plant door level.<sup>3</sup> Dried basis. 1 ton of raisins is equivalent to 4.25 tons of fresh grapes for 1970; 4.01 tons for 1969; and 4.20 tons for 1968.

Statistical Reporting Service.

## 236 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 335.—Grapes: Production and utilization, United States, 1961-70

Crop of—	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold			
			Home use	Sold	Fresh	Processed (fresh basis)		
						Canned	Dried	Crushed for wine, juice, etc.
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1961.....		3,254,930	6,750	3,248,180	485,710	44,000	1,075,900	1,642,570
1962.....	200	3,238,500	6,540	3,231,960	586,468	<sup>3</sup> 43,000	790,200	<sup>4</sup> 1,812,292
1963.....	61,000	3,732,060	5,985	3,726,075	524,437	43,000	1,070,000	2,088,638
1964.....		3,478,000	5,940	3,472,060	545,943	60,000	1,034,800	1,831,317
1965.....	25,300	4,325,960	6,045	4,319,915	593,329	<sup>4</sup> 54,800	1,297,000	<sup>4</sup> 2,374,586
1966.....	300	3,733,340	5,706	3,727,634	591,644	62,000	1,185,700	1,888,290
1967.....	6,850	3,062,190	5,020	3,057,170	461,730	54,000	751,800	1,789,640
1968.....		3,549,040	5,104	3,543,936	552,863	64,000	1,111,100	1,815,973
1969.....		3,897,510	5,084	3,892,426	556,879	66,300	1,010,200	2,259,047
1970 <sup>4</sup> .....		3,119,330	4,753	3,114,577	401,253	53,700	821,800	1,837,824

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.<sup>2</sup> Production is the quantity sold or utilized.<sup>3</sup> Some quantities canned are included with crushed to avoid disclosure of individual operations.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 338.

Table 336.—Grapes: Production and utilization, by States, crop of 1970 (preliminary)

State	Production <sup>1</sup>	Farm disposition		Utilization of quantities sold			
		Home use	Sold	Fresh	Processed (fresh basis)		
					Canned	Dried	Crushed for wine, juice, etc.
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
New York.....	152,000	200	151,800	1,800			150,000
New Jersey.....	1,400	20	1,380	180			1,200
Pennsylvania.....	45,000	300	44,700	1,500			43,200
Ohio.....	11,000	150	10,850	1,350			9,500
Michigan.....	62,000	400	61,600	3,200			58,400
Arkansas.....	8,200	150	8,050	674			7,376
Washington.....	54,500	500	54,000	430			53,570
California, all.....	2,763,000	1,700	2,761,300	379,800	53,700	<sup>2</sup> 821,800	1,506,000
Wine.....	537,000	1,000	536,000	41,000			495,000
Table.....	336,000	200	335,800	174,000		1,800	160,000
Raisin.....	1,890,000	500	1,889,500	164,800	53,700	820,000	851,000
Other States <sup>1</sup> .....	22,230	1,333	20,897	12,319			8,578
United States.....	3,119,330	4,753	3,114,577	401,253	53,700	<sup>2</sup> 821,800	1,837,824

<sup>1</sup> Production is the quantity sold or utilized.<sup>2</sup> Equivalent raisins produced (dried basis): 193,450 tons.<sup>3</sup> Missouri, North Carolina, South Carolina, Georgia, and Arizona.

Statistical Reporting Service.

Table 337.—Raisins and currants: United States exports by country of destination, 1967-69

Country of destination	Year beginning July			Country of destination	Year beginning July		
	1967	1968	1969		1967	1968	1969
<b>Europe:</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<b>Latin American Republics—</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
Belgium and Luxembourg.....	932	1,118	953	Continued			
Denmark.....	4,184	3,884	3,656	Peru.....	285	120	78
Finland.....	3,937	4,083	3,447	Venezuela.....	1,213	1,153	1,020
France.....	416	600	586	Other countries.....	55	43	56
Germany, West.....	2,563	2,681	2,650	<b>Total.....</b>	<b>3,934</b>	<b>5,068</b>	<b>5,306</b>
Ireland.....	2,519	1,956	1,225	<b>Other countries:</b>			
Netherlands.....	1,036	1,271	1,114	Canada.....	6,575	5,293	5,912
Norway.....	2,052	2,322	2,124	Hong Kong.....	620	667	820
Sweden.....	3,902	3,511	3,600	Indonesia.....	7	19	15
Switzerland.....	686	742	650	Israel and Palestine.....	7	9	4
United Kingdom.....	10,889	9,846	9,883	Japan.....	18,578	20,424	21,513
Other countries.....	300	345	629	Malaysia.....	906	919	1,058
<b>Total.....</b>	<b>33,416</b>	<b>32,359</b>	<b>30,517</b>	Nansei and Nanpo Islands.....	239	404	358
<b>Latin American Republics:</b>				Netherlands Antilles.....	128	72	37
Brazil.....	524	428	340	New Zealand.....	1,165	1,332	1,454
Colombia.....	14		7	Philippines.....	1,880	1,805	873
Costa Rica.....	74	67	68	Vietnam, South.....	76	1,039	341
Dominican Republic.....	62	149	55	West Indies.....	201	206	216
Ecuador.....	192	238	158	Others.....	1,834	1,313	1,894
El Salvador.....	26	35	15	<b>Total.....</b>	<b>32,216</b>	<b>33,502</b>	<b>34,495</b>
Guatemala.....	51	74	48	<b>Grand total.....</b>	<b>69,566</b>	<b>70,929</b>	<b>70,318</b>
Honduras.....	26	20	28				
Mexico.....	1,164	2,492	3,226				
Nicaragua.....	33	27	17				
Panama.....	215	222	190				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 346

1 Quantities not harvested for economic reasons and excess cullage of harvested fruit.

2 Production is the quantity sold or utilized.

3 Obtained by weighting State prices by quantity sold.

4 Net processed weight.

5 Dried pears are 16½ percent of total dried fruit for salad.

6 Canned pears are 35 percent of total canned fruit for salad.

7 Beginning June 1965, canned pears converted to terms of fresh on the basis that 1 pound canned equals about 1.0 pound fresh (1.2 prior to June 1965); dried pears converted to terms of fresh on the basis that 1 pound dried equals about 6.5 pounds fresh (5.5 prior to June 1965); 50 pounds fresh equals 1 bushel, except in California, where 48 pounds equals 1 bushel.

8 Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census of harvested production. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-58 in *Agricultural Statistics, 1967*, table 350.

## 238 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 338.—Nectarines: Production, utilization, and value, California, 1954-70

Crop of—	Production <sup>1</sup>	Farm disposition		Utilization of quantities sold		Season average price per ton <sup>2</sup>	Value
		Home use	Sold	Fresh	Processed (fresh basis)		
	Tons	Tons	Tons	Tons	Tons	Dollars	1,000 dollars
1954.....	18,800	200	18,600	17,900	700	128.00	2,406
1955.....	24,000	200	23,800	23,100	700	148.00	3,552
1956.....	19,000	200	18,800	18,400	400	181.00	3,439
1957.....	36,000	200	35,800	35,200	600	148.00	5,328
1958.....	<sup>3</sup> 31,000	200	30,800	29,200	1,600	149.00	4,619
1959.....	39,000	200	38,800	37,600	1,200	115.00	4,485
1960.....	44,000	200	43,800	43,000	800	106.00	4,664
1961.....	54,000	200	53,800	52,600	1,200	103.00	5,562
1962.....	51,000	200	50,800	49,500	1,300	108.00	5,508
1963.....	57,000	200	56,800	54,800	2,000	94.90	5,409
1964.....	75,000	200	74,800	73,000	1,800	94.50	7,088
1965.....	<sup>3</sup> 64,800	200	64,600	63,500	1,100	86.00	5,573
1966.....	68,000	200	67,800	<sup>4</sup> 67,800	( <sup>5</sup> )	142.00	9,656
1967.....	55,000	200	54,800	<sup>4</sup> 54,800	( <sup>5</sup> )	137.00	8,635
1968.....	64,000	200	63,800	62,900	900	147.00	9,408
1969.....	66,000	200	65,800	64,800	1,000	140.00	9,240
1970 <sup>5</sup> .....	66,000	200	65,800	64,600	1,200	152.00	10,032

<sup>1</sup> Production is the quantity sold or utilized.

<sup>2</sup> Fresh fruit prices are equivalent returns at first delivery point. Processing fruit prices are at first delivery point prior to 1963; beginning 1963, they are equivalent returns at processing plant door.

<sup>3</sup> Excludes 3,000 tons of excess cullage for 1958, and 2,200 tons not harvested for 1965.

<sup>4</sup> Some quantities canned or otherwise processed are included with fresh sales to avoid disclosure of individual operations.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 342.

Table 339.—Olives: Production, value, utilization, and imports, United States, 1954-70<sup>1</sup>

Year	Production <sup>2</sup>	Season average price per ton <sup>3</sup>	Value	Utilization			Imported, year beginning July			
				Crushed for oil	Canned	Other <sup>4</sup>	Olive oil		Olives	
							Edible	Inedible	In brine	Dried
	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	1,000 pounds	1,000 pounds	1,000 gallons	1,000 pounds
1954.....	50,000	166.00	8,300	11,500	29,400	8,200	56,800	3,577	12,626	423
1955.....	36,000	242.00	8,712	3,900	26,700	5,000	52,840	788	13,684	839
1956.....	70,000	178.00	12,460	17,800	38,200	12,000	43,327	18,141	10,327	499
1957.....	37,000	236.00	8,732	3,100	25,000	7,500	47,754	208	12,035	530
1958.....	66,000	101.00	6,666	21,300	33,800	10,100	57,159	347	13,319	428
1959.....	27,000	229.00	6,183	2,300	20,400	3,900	54,092	416	14,412	911
1960.....	65,000	157.00	10,302	7,800	44,300	12,900	53,490	323	14,885	910
1961.....	44,000	160.00	7,040	7,800	26,100	9,200	55,586	239	15,726	1,024
1962.....	52,000	214.00	11,128	5,700	37,700	7,800	43,904	211	11,950	1,186
1963.....	57,000	198.00	11,286	7,500	39,100	9,600	53,679	672	14,175	1,121
1964.....	54,000	138.00	7,452	6,200	37,500	9,400	54,847	945	15,171	785
1965.....	50,000	220.00	11,000	3,800	37,800	7,500	45,334	224	12,541	922
1966.....	63,000	241.00	15,183	4,800	45,500	11,900	55,293	1,415	14,936	1,041
1967.....	14,000	383.00	5,362	1,470	10,230	2,000	56,608	1,417	13,716	1,514
1968.....	85,000	308.00	31,648	4,600	62,800	18,000	59,940	297	17,066	1,316
1969.....	70,000	318.00	22,260	5,200	51,700	12,500	60,156	360	15,912	688
1970 <sup>5</sup> .....	52,000	236.00	12,272	4,100	39,200	8,100				

<sup>1</sup> Production, price, value, and utilization for California only.

<sup>2</sup> Production is the quantity sold or utilized. In 1958, 2,000 additional tons were not harvested for economic reasons.

<sup>3</sup> Beginning 1963, quantities processed are priced at the equivalent processing plant door level.

<sup>4</sup> Includes Spanish, Greek, and Sicilian styles, and chopped, minced, brined, and other cures.

<sup>5</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Imports compiled from the reports of the U.S. Department of Commerce. About 40 gallons of oil are obtained from 1 ton of olives in California. Data for 1929-53 in *Agricultural Statistics, 1967*, table 343.

Table 340.—Peaches: Production and season average price per pound, 1968-70

State and division	Production <sup>1</sup>			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	Million pounds	Million pounds	Million pounds	Cents	Cents	Cents
New Hampshire.....	0.8	0.1	0.9	10.50	10.50	10.50
Massachusetts.....	2.9	2.6	4.0	10.50	10.80	11.00
Rhode Island.....	.6	.7	.6	10.00	9.50	10.00
Connecticut.....	6.2	6.3	5.4	12.00	10.50	11.00
New York.....	18.0	20.8	19.2	10.30	8.08	9.35
New Jersey.....	100.5	104.5	86.4	8.20	7.40	9.10
Pennsylvania.....	106.1	120.0	84.0	6.60	5.54	7.69
North Atlantic.....	235.1	255.0	200.5			
Ohio.....	15.0	28.0	17.0	9.68	8.45	10.70
Indiana.....	5.5	11.0	8.5	9.10	7.90	9.30
Illinois.....	16.0	25.2	19.5	6.80	6.60	7.20
Michigan.....	34.5	97.0	75.0	8.40	5.00	7.22
Missouri.....	18.0	21.6	20.1	6.88	6.56	6.77
Kansas.....	6.2	9.5	8.0	8.60	7.40	7.60
North Central.....	95.2	192.3	148.1			
Delaware.....	3.5	4.0	3.0	7.85	7.70	7.80
Maryland.....	20.5	22.0	23.0	7.93	6.90	9.00
Virginia.....	50.0	44.7	42.5	4.90	4.90	5.50
West Virginia.....	21.6	27.4	24.0	5.82	4.95	6.41
North Carolina.....	77.8	56.0	42.0	6.58	6.74	7.29
South Carolina.....	408.0	338.0	270.0	4.70	5.20	7.58
Georgia.....	234.5	175.2	160.0	5.72	7.02	8.84
South Atlantic.....	807.9	667.3	564.5			
Kentucky.....	16.3	16.5	12.5	7.50	7.10	7.60
Tennessee.....	6.7	9.4	6.8	6.46	6.04	6.77
Alabama.....	39.0	50.0	40.0	6.55	7.85	9.65
Mississippi.....	12.5	17.5	16.0	6.53	7.00	10.30
Arkansas.....	36.4	42.0	40.0	6.17	6.50	6.70
Louisiana.....	7.3	7.5	6.3	9.20	10.60	12.40
Oklahoma.....	10.0	12.0	9.0	6.40	6.34	6.98
Texas.....	30.2	32.3	33.0	7.70	7.20	8.00
South Central.....	158.4	187.2	163.8			
Idaho.....	6.5	15.0	9.0	7.00	8.40	9.40
Colorado.....	31.6	32.8	20.5	5.60	7.30	7.98
Utah.....	16.0	15.0	13.0	5.30	5.56	6.35
Washington.....	27.0	4.8	40.0	10.80	10.30	7.59
Oregon.....	5.0	16.0	10.0	11.90	6.30	9.20
California.....						
Clingstone <sup>4</sup> .....	1,708.0	1,800.0	1,442.0	4.62	4.64	4.93
Freestone.....	500.0	480.0	400.0	5.78	4.97	5.20
Western.....	2,294.1	2,363.6	1,984.5			
United States.....	3,590.7	3,665.4	3,011.4	5.44	5.35	6.22

<sup>1</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (million pounds): 1968—New Jersey, 19.5; North Carolina, 7.2; South Carolina, 16.0; Georgia, 17.5; Colorado, 6.4; and Washington, 2.6; 1969—New Jersey, 13.5; Illinois, 0.8; Michigan, 20.0; Virginia, 2.8; North Carolina, 3.0; and Colorado, 6.7; 1970—New Jersey, 3.6; North Carolina, 4.0; Colorado, 3.5; and Washington, 2.0.

<sup>2</sup> Preliminary.

<sup>3</sup> Quantities processed are priced at the equivalent processing plant door level.

<sup>4</sup> Mainly for canning. Includes culls and cannery diversions as follows (million pounds): 172.6 in 1968, 228.0 in 1969, and 196.0 in 1970.

Statistical Reporting Service.



# 240 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

**Table 341.—Peaches: Production, value, and domestic exports, United States, 1959-70**

Year	Not utilized <sup>1</sup>	Production <sup>2</sup>	Season average price <sup>3</sup>	Value	Domestic exports, year beginning July					
					Fresh	Dried <sup>4</sup>	Canned	Canned in fruit salad <sup>5</sup>	Dried in fruit salad <sup>6</sup>	Total, in terms of fresh <sup>7</sup>
	Million pounds	Million pounds	Cents per pound	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels
1959.....	149.3	3,552.4	3.97	137,432	27,471	1,357	159,542	32,941	1,455	4,938
1960.....	125.4	3,555.9	3.84	133,519	54,592	1,429	189,295	38,196	1,189	6,204
1961.....	207.5	3,703.4	3.95	141,150	33,565	1,318	238,023	50,246	1,502	7,062
1962.....	224.3	3,847.8	3.87	131,798	29,939	1,377	286,325	58,565	1,700	8,284
1963.....	121.4	3,510.5	4.35	149,024	25,372	776	215,056	51,043	1,247	6,328
1964.....	.....	5,159.7	.....	.....	.....	.....	.....	.....	.....	.....
1964.....	176.3	3,428.7	4.59	151,153	20,089	1,018	236,595	67,980	1,313	7,059
1965.....	323.5	3,352.0	4.54	144,641	36,983	1,133	201,121	53,567	1,654	6,399
1966.....	194.5	3,379.6	5.27	169,752	26,813	1,260	229,094	61,157	1,142	6,884
1967.....	73.3	2,684.9	6.36	161,155	26,432	702	88,861	37,903	1,057	3,395
1968.....	69.2	3,590.7	5.44	186,260	38,115	267	114,887	44,792	826	4,247
1969.....	46.8	3,665.4	5.35	184,451	45,526	3,131	227,261	50,498	905	7,202
1970 <sup>8</sup> .....	13.1	3,011.4	6.22	175,788	.....	.....	.....	.....	.....	.....

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>2</sup> Production is the quantity sold or utilized except for California Clingstone which includes the following quantities of cannery diversions and culls (million pounds): 104.0 in 1959, 98.0 in 1960, 141.0 in 1961, 160.8 in 1962, 92.4 in 1963, 152.4 in 1964, 178.0 in 1965, 169.6 in 1966, 157.6 in 1967, 172.6 in 1968, 228.0 in 1969, and 196.0 in 1970.

<sup>3</sup> Obtained by weighting State prices by quantity sold. Beginning 1963, quantities processed are priced at the equivalent processing plant door level.

<sup>4</sup> Net processed weight.

<sup>5</sup> Canned peaches are 40 percent of total canned fruit for salad.

<sup>6</sup> Dried peaches are 21 percent of total dried fruit for salad.

<sup>7</sup> Beginning June 1965, exports of dried fruit converted to unprocessed dry weight by dividing by 1.08 (1.07 prior to June 1965). Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 6.0 pounds fresh (6.5 prior to June 1965). Canned peaches converted to terms of fresh on basis that 1 pound canned equals about 1 pound fresh. <sup>8</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census of harvested production. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-58 in *Agricultural Statistics, 1967*, table 344.

**Table 342.—Peaches, fresh: Production in specified countries, 1968-70**

Continent and country	1968	1969	1970 <sup>1</sup>	Continent and country	1968	1969	1970 <sup>1</sup>
	1,000 bushels <sup>2</sup>	1,000 bushels <sup>2</sup>	1,000 bushels <sup>2</sup>		1,000 bushels <sup>2</sup>	1,000 bushels <sup>2</sup>	1,000 bushels <sup>2</sup>
North America:				Africa:			
Canada.....	1.9	1.7	2.2	South Africa, Republic of.....	6.3	6.3	5.8
Mexico.....	3.5	3.6	3.5	Asia:			
United States.....	76.2	77.3	63.3	Japan.....	13.6	12.7	14.0
Total.....	81.6	82.6	69.0	Turkey.....	4.5	3.0	4.6
South America:				Total.....	18.1	15.7	18.6
Argentina.....	11.9	10.8	12.0	Oceania:			
Chile.....	2.0	1.8	1.7	Australia.....	5.3	5.7	4.3
Total.....	13.9	12.6	13.7	New Zealand.....	1.3	1.4	1.3
Europe:				Total.....	6.6	7.1	5.6
Austria.....	.3	.4	.4	Total specified countries.....	234.9	208.5	213.0
France.....	28.2	24.1	23.6				
Germany, West.....	2.6	1.4	2.1				
Greece.....	6.6	6.3	7.3				
Italy.....	58.8	40.7	56.8				
Spain.....	9.7	8.6	7.6				
Yugoslavia.....	2.2	2.7	2.5				
Total.....	108.4	84.2	100.3				

<sup>1</sup> Preliminary. <sup>2</sup> 48 pounds.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 343.—Peaches: Production and utilization, United States, 1961-70

Crop of—	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold				
			Home use	Sold	Fresh <sup>3</sup>	Processed (fresh basis)			
						Canned <sup>4</sup>	Dried	Frozen	Other <sup>5</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961.....	66.5	3,703.4	66.0	3,496.4	1,725.6	1,614.4	57.8	89.0	9.6
1962.....	63.5	3,547.8	53.1	3,333.9	1,475.1	1,687.3	82.4	79.1	10.0
1963.....	29.0	3,510.5	46.0	3,372.1	1,408.6	1,784.4	76.6	90.7	11.8
1964.....	23.9	3,428.7	41.2	3,235.1	1,110.0	1,939.6	67.4	106.9	11.2
1965.....	145.5	3,332.0	45.2	3,128.8	1,311.7	1,648.2	70.6	82.6	15.7
1966.....	24.9	3,379.6	41.3	3,168.7	1,196.7	1,828.8	44.0	88.2	11.0
1967.....	5.7	2,684.9	34.0	2,493.3	934.8	1,413.4	25.5	96.9	22.7
1968.....	60.2	3,590.7	36.8	3,381.3	1,324.7	1,874.6	36.6	109.6	35.8
1969.....	46.8	3,665.4	37.0	3,400.4	1,382.3	1,873.5	56.2	59.9	28.5
1970 <sup>6</sup> .....	13.1	3,011.4	32.9	2,782.5	1,184.9	1,471.2	36.4	73.7	16.3

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.<sup>2</sup> Production is the quantity sold or utilized, except California Clingstone which includes the following quantities of cannery diversions and culls (million pounds): 141.0 in 1961, 160.8 in 1962, 92.4 in 1963, 152.4 in 1964, 178.0 in 1965, 169.6 in 1966, 157.6 in 1967, 172.6 in 1968, 228.0 in 1969, and 196.0 in 1970.<sup>3</sup> Includes some quantities canned and frozen.<sup>4</sup> Includes quantities frozen and otherwise processed.<sup>5</sup> Includes small quantities frozen for some years. Used for jams, preserves, brandy, etc.<sup>6</sup> Preliminary.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 347.

Table 344.—Peaches: Production and utilization, by regions, crop of 1970 (preliminary)

Region	Production <sup>1</sup>	Farm disposition		Utilization of quantities sold				
		Home use	Sold	Fresh	Processed (fresh basis)			
					Canned <sup>2</sup>	Dried	Frozen	Other <sup>3</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
North Atlantic <sup>4</sup> .....	200.5	2.8	197.7	185.4	10.5	-----	1.8	-----
South Atlantic <sup>4</sup> .....	564.5	8.2	556.3	477.7	60.8	-----	10.9	6.9
North Central <sup>4</sup> .....	148.1	4.4	143.7	133.4	7.3	-----	3.0	-----
South Central <sup>4</sup> .....	163.8	11.1	152.7	132.7	(9)	-----	-----	-----
California Clingstone.....	1,442.0	1.2	1,244.8	1.6	1,233.8	-----	-----	9.4
California Freestone.....	400.0	2.0	398.0	162.0	141.6	36.4	58.0	-----
Other Western States <sup>5</sup> .....	92.5	3.2	89.3	72.1	17.2	-----	-----	-----
United States.....	<sup>10</sup> 3,011.4	32.9	2,782.5	1,184.9	1,471.2	36.4	73.7	16.3

<sup>1</sup> Production is the quantity sold or utilized, except California Clingstone which includes culls and cannery diversion of 196.0 million pounds.<sup>2</sup> Some quantities otherwise processed are included with canned to avoid disclosure of individual operations.<sup>3</sup> Used for jams, preserves, brandy, etc.<sup>4</sup> New Hampshire, Massachusetts, Rhode Island, Connecticut, New York, New Jersey, and Pennsylvania.<sup>5</sup> Delaware, Maryland, Virginia, West Virginia, North Carolina, South Carolina, and Georgia.<sup>6</sup> Ohio, Indiana, Illinois, Michigan, Missouri, and Kansas.<sup>7</sup> Kentucky, Tennessee, Alabama, Mississippi, Arkansas, Louisiana, Oklahoma, and Texas.<sup>8</sup> Some quantities canned or otherwise processed are included with fresh sales to avoid disclosure of individual operations.<sup>9</sup> Idaho, Colorado, Utah, Washington, and Oregon.<sup>10</sup> Excludes the following quantities not harvested for economic reasons and excess cullage of harvested fruit (million pounds): New Jersey, 3.6; North Carolina, 4.0; Colorado, 3.5; and Washington, 2.0.

Statistical Reporting Service.

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Table 345.—Peaches, canned: United States exports by country of destination, 1967-69

Country of destination	Year beginning July			Country of destination	Year beginning July		
	1967	1968	1969		1967	1968	1969
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
<b>Europe:</b>				<b>Other countries:</b>			
Austria.....	3,933	3,068	6,593	Arabia Peninsula			
Belgium and Luxem- bourg.....	7,505	6,402	7,525	Bahrain.....	7	53	6
Denmark.....	3,986	2,493	5,017	Canada.....	9	11	9
Finland.....	1,012	1,036	2,370	Canary Islands.....	29,091	38,183	51,746
France.....	2,520	229	2,403	Congo (Kinshasa).....	184	156	17
Germany, West.....	15,878	74,858	76,523	United Arab Republic.....		6	
Iceland.....	145	152	60	French Pacific Islands.....	39	36	40
Ireland.....		4		Hong Kong.....	247	322	410
Italy.....	154	345	5,304	Indonesia.....	8	12	4
Netherlands.....	6,187	4,615	11,149	Iran.....	35	7	
Norway.....	2,290	4,375	3,124	Israel.....		34	56
Sweden.....	4,551	10,088	9,656	Japan.....	998	5,308	31,214
Switzerland.....	4,153	6,577	7,595	Kuwait.....	85	180	62
United Kingdom.....	909	175	2,819	Lebanon.....	81	104	51
Other countries.....	390	176	137	Liberia.....	37	28	10
				Libya.....	84	154	193
<b>Total.....</b>	<b>53,613</b>	<b>64,593</b>	<b>140,275</b>	Malaysia.....	24	119	94
				Morocco.....	72	352	36
<b>Latin American</b>				Netherlands Antilles.....	152	349	202
<b>Republics:</b>				Pakistan.....	3		
Colombia.....	51	16	24	Philippines.....	734	1,376	682
Costa Rica.....	394	551	118	Saudi Arabia.....	103	86	90
Dominican Republic.....	54	95	49	West Indies.....	727	940	658
Ecuador.....			1	Others.....	414	217	174
El Salvador.....	43	17	19				
Guatemala.....	48	186	26	<b>Total.....</b>	<b>33,134</b>	<b>48,033</b>	<b>85,754</b>
Mexico.....	12	29	37				
Panama.....	936	798	852	<b>Grand total.....</b>	<b>88,861</b>	<b>114,887</b>	<b>227,261</b>
Panama Canal Zone.....							
Peru.....	207	1					
Venezuela.....	291	513	80				
Other countries.....	78	55	26				
<b>Total.....</b>	<b>2,114</b>	<b>2,261</b>	<b>1,232</b>				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 346.—Pears: Production, value, and foreign trade, United States, 1959-70

Year	Not utilized <sup>1</sup>	Production <sup>2</sup>	Season average price <sup>3</sup>	Value	Foreign trade, year beginning July						
					Domestic exports						Imports for consumption, fresh
					Fresh	Canned	Dried <sup>4</sup>	Dried, in fruit salad <sup>5</sup>	Canned, in fruit salad <sup>6</sup>	Total, in terms of fresh fruit <sup>7</sup>	
	Tons	Tons	Dollars per ton	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bushels	1,000 pounds
1959.....	950	684,189	72.30	52,081	80,529	12,898	558	1,159	28,823	2,801	14,399
1960.....	1,250	622,740	87.80	54,458	52,754	9,392	525	920	33,421	2,242	9,254
1961.....	2,850	656,020	92.40	60,531	68,303	10,719	1,170	1,192	43,966	2,938	17,852
1962.....	2,900	708,480	72.50	51,797	70,758	11,190	793	1,349	51,244	3,149	13,968
1963.....	3,000	468,520	111.00	52,087	38,706	6,001	428	989	44,663	2,146	21,914
1964.....	9,905	718,565	92.50	66,383	57,029	7,542	356	1,042	59,482	2,864	11,148
1965.....	3,625	495,805	132.00	65,484	69,779	5,725	562	1,313	45,871	2,591	6,890
1966.....	27,255	722,165	87.40	63,128	67,635	7,184	426	906	53,512	2,740	15,109
1967.....	11,100	451,980	164.00	73,918	51,190	3,375	205	839	33,165	1,890	26,469
1968.....	6,460	616,390	135.00	83,231	36,742	4,547	367	656	39,193	1,743	30,995
1969.....	15,250	711,650	101.00	71,957	67,999	4,154	380	718	44,186	2,470	23,582
1970 <sup>8</sup> .....	10,025	537,080	133.00	71,409							

See footnotes on page 237.

Table 347.—Pears: Production and season average price per ton, by States, 1968-70

State and division	Production <sup>1</sup>			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>4</sup>
	Tons	Tons	Tons	Dollars	Dollars	Dollars
Connecticut.....	1,600	2,150	1,650	185.00	185.00	210.00
New York.....	9,300	18,000	13,500	148.00	122.00	132.00
Pennsylvania.....	3,250	3,200	3,400	150.00	134.00	153.00
North Atlantic.....	14,150	23,350	18,550			
Michigan.....	11,000	23,000	16,000	122.00	67.00	93.00
North Central.....	11,000	23,000	16,000			
Idaho.....	700	2,100	1,200	134.00	89.00	116.00
Colorado.....	5,700	7,800	4,530	127.00	115.00	110.00
Utah.....	6,300	5,500	4,300	97.00	92.00	102.00
Washington, all.....	141,540	107,900	144,500	136.00	96.60	120.00
Bartlett.....	97,500	69,700	99,800	123.00	92.00	119.00
Other.....	44,040	38,200	44,700	161.00	105.00	121.00
Oregon, all.....	93,000	191,000	90,000	146.00	93.70	137.00
Bartlett.....	44,000	82,000	39,000	128.00	88.00	115.00
Other.....	49,000	109,000	51,000	162.00	96.00	153.00
California, all.....	344,000	351,000	258,000	132.00	107.00	142.00
Bartlett.....	322,000	336,000	245,000	132.00	107.00	142.00
Other.....	22,000	15,000	13,000	134.00	102.00	141.00
Western.....	591,240	665,300	502,530			
United States.....	616,390	711,650	537,080	135.00	101.00	133.00

<sup>1</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (tons): 1968—Washington, Bartlett, 3,500; Washington, other, 2,960; 1969—Michigan, 6,000; Colorado, 150; Washington, Bartlett, 3,800; Washington, other, 5,300; 1970—Colorado, 25; Washington, Bartlett, 5,200; Washington, other, 4,800. <sup>2</sup> Preliminary. <sup>3</sup> Equivalent packinghouse-door returns for Oregon and Washington, equivalent returns for bulk fruit at the first delivery point for California, and the average price as sold for other States. Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 348.—Pears, fresh (dessert and cooking): Production in specified countries, 1968-70 <sup>1</sup>

Continent and country	1968	1969	1970 <sup>2</sup>	Continent and country	1968	1969	1970 <sup>2</sup>
	1,000 bushels <sup>3</sup>	1,000 bushels <sup>3</sup>	1,000 bushels <sup>3</sup>		1,000 bushels <sup>3</sup>	1,000 bushels <sup>3</sup>	1,000 bushels <sup>3</sup>
North America:				Europe—Continued			
Canada <sup>4</sup> .....	1,841	1,223	1,968	Spain.....	10,685	9,421	9,480
Mexico.....	1,724	1,504	1,617	Sweden <sup>4</sup> .....	279	147	328
United States <sup>4</sup> .....	27,682	32,307	24,433	Switzerland.....	1,351	1,301	1,436
Total.....	31,247	35,034	28,008	United Kingdom.....	3,788	3,056	2,833
South America:				Yugoslavia.....	4,840	5,438	4,409
Argentina.....	5,026	4,586	4,174	Total.....	163,233	153,372	173,328
Chile <sup>4</sup> .....	1,029	931	1,029	Asia:			
Europe:				Japan.....	23,276	23,971	23,957
Austria.....	2,866	2,597	2,572	Lebanon.....	465	78	343
Belgium and Luxembourg.....	4,933	2,964	4,855	Turkey.....	8,818	7,839	8,328
Denmark <sup>4</sup> .....	453	358	465	Africa:			
France.....	21,868	19,841	22,977	South Africa, Republic of.....	4,158	4,095	3,996
Germany, West.....	29,943	19,077	23,994	Oceania:			
Greece.....	4,472	4,053	5,340	Australia.....	5,245	9,828	8,288
Italy.....	68,357	80,047	83,285	New Zealand.....	812	938	853
Netherlands.....	8,818	4,409	7,839	Total specified countries <sup>5</sup> .....	243,309	240,672	252,304
Norway.....	600	863	815				

<sup>1</sup> Years shown refer to years of harvest in Northern Hemisphere. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crop harvested in the Northern Hemisphere in 1969 is combined with preliminary forecasts for the Southern Hemisphere harvests which began late in 1969 and ended early in 1970. <sup>2</sup> Preliminary. <sup>3</sup> Basic production data reported in units other than bushels converted to 45-pound equivalents. <sup>4</sup> Commercial crop. <sup>5</sup> May include some cider pears.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

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Table 349.—Pears: International trade, 1967-69

Continent and country	1967		1968		1969	
	Exports	Imports	Exports	Imports	Exports	Imports
<b>North America:</b>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>	<i>1,000 bushels</i>
Canada.....	222	412	96	658	47	1,193
Mexico.....		2		31		54
Panama.....		7		8		7
United States.....	1,252	387	839	503	1,336	685
<b>Total.....</b>	<b>1,474</b>	<b>808</b>	<b>935</b>	<b>1,200</b>	<b>1,383</b>	<b>1,939</b>
<b>South America:</b>						
Argentina.....	1,994		2,252		1,855	
Brazil.....		850		957		767
Chile.....	140		198		248	
<b>Total.....</b>	<b>2,134</b>	<b>850</b>	<b>2,450</b>	<b>957</b>	<b>2,103</b>	<b>767</b>
<b>Europe:</b>						
Austria.....	2	1,063	19	735		764
Belgium and Luxembourg.....	255	908	278	759	445	810
Denmark.....	4	260	2	219		199
Finland.....		310		359		437
France.....	1,468	2,780	1,713	1,745	2,267	1,744
Germany, West <sup>1</sup> .....		9,051		7,403		9,214
Ireland.....		234		193		203
Italy.....	14,141	84	9,450	163	12,034	208
Netherlands.....	878	700	1,132	775	1,216	955
Norway.....		448		264		329
Sweden.....	30	969	28	871	16	980
United Kingdom.....		3,226		2,895		2,642
Yugoslavia.....		94		189	2	65
<b>Total.....</b>	<b>16,778</b>	<b>20,127</b>	<b>12,622</b>	<b>16,570</b>	<b>15,980</b>	<b>18,550</b>
<b>Africa:</b>						
Morocco.....	2		2		1	
South Africa, Republic of.....	1,455		1,508		1,600	
<b>Total.....</b>	<b>1,457</b>		<b>1,508</b>		<b>1,601</b>	
<b>Asia:</b>						
Japan.....	279		260		183	
Syria and Lebanon.....	189	2	316	3	69	7
<b>Total.....</b>	<b>468</b>	<b>2</b>	<b>576</b>	<b>3</b>	<b>252</b>	<b>7</b>
<b>Oceania:</b>						
Australia.....	1,434		1,688		112	
New Zealand.....	130		166		115	
<b>Total.....</b>	<b>1,564</b>		<b>1,854</b>		<b>227</b>	
<b>World total.....</b>	<b>23,875</b>	<b>21,787</b>	<b>19,945</b>	<b>18,730</b>	<b>21,546</b>	<b>21,263</b>

<sup>1</sup> Includes quinces.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

**Table 350.—Pears, western: Average auction price per box, all grades, New York, 1961-70**

Season beginning July	Bartlett	Hardy	Flemish Beauty	Comice	Bosc	D'Anjou	Winter Nells	Weighted average <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1961.....	5.87	3.58	3.42	5.54	5.26	5.61	6.45	5.74
1962.....	4.72	-----	-----	5.20	4.50	5.20	4.28	4.91
1963.....	6.46	-----	3.96	6.40	6.30	4.74	4.11	5.88
1964.....	5.09	-----	3.05	5.42	5.31	5.58	4.61	5.36
1965.....	8.12	-----	3.56	5.89	6.74	5.63	3.59	6.65
1966.....	5.37	-----	3.27	5.08	6.38	5.04	3.87	5.46
1967.....	7.86	-----	4.54	6.47	7.37	6.12	-----	6.83
1968.....	7.78	-----	4.94	7.96	5.64	6.49	4.12	7.83
1969.....	6.16	-----	4.52	5.35	6.24	5.34	4.31	5.30
1970 <sup>2</sup> .....	7.80	-----	4.58	8.27	9.56	6.06	3.45	7.76

<sup>1</sup> Includes all varieties of western pears sold on New York auction market.<sup>2</sup> Preliminary.Economic Research Service. Compiled from New York Daily Fruit Reporter. Prices are weighted by number of boxes sold each day. Data for 1944-60 in *Agricultural Statistics, 1967*, table 354.**Table 351.—Pears: Production and utilization, United States, 1961-70**

Crop of—	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold		
			Home use	Sold	Fresh <sup>3</sup>	Processed (fresh basis)	
						Canned <sup>4</sup>	Dried
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1961.....	2,850	656,020	8,565	647,355	252,635	388,020	6,700
1962.....	2,900	708,480	7,540	700,940	284,990	406,550	8,400
1963.....	3,000	468,520	6,674	461,846	183,996	275,050	2,800
1964.....	9,905	718,565	6,436	712,129	252,409	450,920	8,800
1965.....	3,625	495,805	5,860	489,945	198,120	290,725	1,100
1966.....	27,255	722,165	6,480	715,685	286,209	421,176	8,300
1967.....	11,100	451,980	4,691	447,289	186,387	259,702	1,200
1968.....	6,460	616,390	4,530	611,860	206,594	402,666	2,600
1969.....	15,250	711,650	5,065	706,585	279,166	423,219	4,200
1970 <sup>5</sup> .....	10,025	537,080	4,095	532,985	199,928	329,557	3,500

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.<sup>2</sup> Production is the quantity sold or utilized.<sup>3</sup> Includes some quantities canned or otherwise processed.<sup>4</sup> For some States includes some dried or otherwise processed.<sup>5</sup> Preliminary.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 356.**Table 352.—Pears: Production and utilization, by regions, crop of 1970 (preliminary)**

Region	Not utilized <sup>1</sup>	Production <sup>2</sup>	Farm disposition		Utilization of quantities sold		
			Home use	Sold	Fresh	Processed (fresh basis)	
						Canned	Dried
	Tons	Tons	Tons	Tons	Tons	Tons	Tons
Total Eastern and Central States <sup>3</sup> .....	-----	34,550	1,650	32,900	17,360	15,640	-----
Pacific Coast Bartlett <sup>4</sup> .....	5,200	383,800	1,700	382,100	73,900	304,700	3,500
Pacific Coast other pears <sup>4</sup> .....	4,800	108,700	500	108,200	* 101,900	6,300	(*)
Other Western States <sup>5</sup> .....	25	10,030	245	9,785	6,868	2,917	-----
United States.....	10,025	537,080	4,095	532,985	199,928	329,557	3,500

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.<sup>2</sup> Production is the quantity sold or utilized.<sup>3</sup> Connecticut, New York, Pennsylvania, and Michigan.<sup>4</sup> Washington, Oregon, and California.<sup>5</sup> Some quantities dried or otherwise processed are included with canned to avoid disclosure of individual operations.<sup>6</sup> Some quantities canned, dried, or otherwise processed are included in fresh sales to avoid disclosure of individual operations.<sup>7</sup> Idaho, Colorado, and Utah.

Statistical Reporting Service.



## 246 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 353.—Prunes and plums:<sup>1</sup> Production, value, and utilization, 4 States, 1959-70

Year	Not utilized <sup>2</sup>	Production <sup>3</sup>	Season average price per ton <sup>4</sup>	Value	Farm disposition		Utilization of quantities sold			
					Home use	Sold	Fresh	Processed (fresh basis)		
								Dried <sup>5</sup>	Canned <sup>6</sup>	Frozen
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	Tons	Tons	Tons
1959.....	1,200	94,700	85.40	8,066	3,250	91,450	46,390	17,500	26,910	650
1960.....	225	32,475	186.00	6,028	1,330	31,145	22,750	700	7,425	270
1961.....	1,000	75,000	121.00	9,041	2,015	72,985	36,065	9,750	26,370	800
1962.....	1,800	90,300	81.90	7,390	2,020	88,280	36,640	15,700	34,940	1,000
1963.....	940	50,960	123.00	6,269	1,175	49,785	29,035	455	19,855	440
1964.....	13,612	70,688	86.00	6,022	1,304	69,384	35,451	5,475	27,568	890
1965.....	1,626	72,574	98.50	7,137	1,570	71,004	34,771	5,700	29,168	1,365
1966.....	1,020	65,180	119.00	7,721	1,260	63,920	31,460	7,100	24,010	1,350
1967.....	1,728	72,972	109.00	7,958	1,190	71,782	32,153	7,400	29,829	2,400
1968.....	3,720	40,280	145.00	5,859	610	39,670	23,400	300	14,965	675
1969.....	11,300	89,500	100.00	8,981	600	88,900	38,380	7,200	40,500	2,820
1970 <sup>7</sup> .....	3,150	46,850	145.00	6,773	490	46,360	26,050	3,950	15,210	1,150

<sup>1</sup> Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States. <sup>2</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.

<sup>3</sup> Production is the quantity sold or utilized. <sup>4</sup> Obtained by weighting State prices by quantities sold.

<sup>5</sup> Equivalent fresh basis. The dried tonnage sales figures are as follows (tons): 5,150 in 1959, 210 in 1960, 2,954 in 1961, 4,641 in 1962, 147 in 1963, 1,660 in 1964, 1,716 in 1965, 2,029 in 1966, 2,147 in 1967, 90 in 1968, 2,055 in 1969, and 1,129 in 1970. <sup>6</sup> Some quantities of frozen, dried, or otherwise processed are included with canned to avoid disclosure of individual operations. <sup>7</sup> Some quantities canned, frozen, or otherwise processed are included with fresh sales to avoid disclosure of individual operations. <sup>8</sup> Preliminary.

Statistical Reporting Service. Data for 1929-58 in *Agricultural Statistics, 1967*, tables 358 and 365, for plums in Michigan and California, and prunes in Idaho, Washington, Oregon, and California.

Table 354.—Prunes and plums (fresh basis): Production and season average price per ton, by States, 1968-70

State	Production <sup>1</sup>			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	Tons	Tons	Tons	Dollars	Dollars	Dollars
Michigan.....	13,000	14,500	10,000	107.00	81.00	126.00
Idaho.....	6,480	17,500	7,150	128.00	111.00	163.00
Washington.....	9,800	27,200	9,400	176.00	141.00	199.00
Oregon.....	11,000	30,300	20,300	174.00	67.00	122.00
Total, 4 States.....	40,280	89,500	46,850	145.00	100.00	145.00

<sup>1</sup> Additional quantities of fruit not harvested and excess cullage of harvested fruit are as follows (tons): 1968—Idaho, 2,520; Washington, 1,200; 1969—Michigan, 1,500; Idaho, 8,000; Washington, 1,800; 1970—Idaho, 2,850; Washington, 300. <sup>2</sup> Preliminary. <sup>3</sup> Quantities processed are priced at the equivalent processing plant door level.

Statistical Reporting Service.

Table 355.—Plums, California: Production, value, and utilization, 1959-70

Season	Not utilized <sup>1</sup>	Produc- tion <sup>2</sup>	Season average price per ton <sup>3</sup>	Value	Farm disposition		Utilization of quantities sold	
					Home use	Sold	Fresh sales	Processed
	Tons	Tons	Dollars	1,000 dollars	Tons	Tons	Tons	Tons
1959.....	3,000	90,000	155.00	13,950	300	89,700	85,300	4,400
1960.....	2,000	80,000	192.00	15,360	200	79,800	76,800	3,000
1961.....	2,000	85,000	188.00	15,980	200	84,800	79,900	4,900
1962.....	2,000	82,000	170.00	13,940	200	81,800	74,700	7,100
1963.....	5,000	101,000	162.00	16,632	200	100,800	95,000	5,800
1964.....	3,000	110,000	149.00	16,390	200	109,800	105,000	4,800
1965.....	5,000	108,000	141.00	15,228	200	107,800	102,400	5,400
1966.....	9,000	86,000	182.00	15,652	200	85,800	82,200	3,600
1967.....	3,000	95,000	180.00	17,100	200	94,800	90,200	4,600
1968.....		106,000	178.00	18,968	200	105,800	100,500	5,300
1969.....		67,000	237.00	15,879	200	66,800	63,400	3,400
1970 <sup>4</sup> .....		123,000	160.00	19,680	200	122,800	119,100	3,700

See footnotes on page 247.

Table 356.—Prunes (dried basis),<sup>1</sup> California: Production, value, and utilization, 1959-70

Season	Production <sup>2</sup>	Season average price per ton <sup>3</sup>	Value	Farm disposition	
				Home use	Sold <sup>4</sup>
	Tons	Dollars	1,000 dollars	Tons	Tons
1959.....	139,000	361.00	50,179	200	138,800
1960.....	139,000	391.00	54,349	100	138,900
1961.....	139,000	353.00	46,287	100	138,900
1962.....	148,000	283.00	41,884	100	147,900
1963.....	133,000	305.00	40,565	100	132,900
1964.....	180,000	230.00	41,400	100	179,900
1965.....	167,000	240.00	40,080	100	166,900
1966.....	132,000	325.00	42,900	100	131,900
1967.....	164,000	276.00	45,264	100	163,900
1968.....	153,000	301.00	46,053	100	152,900
1969.....	130,000	288.00	37,440	100	129,900
1970 <sup>5</sup> .....	200,000	216.00	43,200	100	199,900

<sup>1</sup> The drying ratio is approximately 2½ pounds of fresh fruit to 1 pound of dried fruit.<sup>2</sup> Production is the quantity sold or utilized.<sup>3</sup> Equivalent returns at the processing plant door.<sup>4</sup> All dried.<sup>5</sup> Preliminary.

Statistical Reporting Service.

Table 357.—Prunes and plums:<sup>1</sup> Utilization and season average price per ton, 1968-70

State and season	Quantity						Price <sup>1</sup>					
	Home use	Fresh sales	Dried		Canned <sup>2</sup>	Frozen	Fresh sales	Dried		Canned	Frozen	
			Fresh basis	Dried basis				Fresh basis	Dried basis			
Michigan:	Tons	Tons	Tons	Tons	Tons	Tons	Dollars	Dollars	Dollars	Dollars	Dollars	
1968.....	200	3,000	-----	-----	8,825	975	174.00	-----	-----	87.00	83.00	
1969.....	200	5,200	-----	-----	8,480	620	113.00	-----	-----	62.00	63.00	
1970.....	200	4,800	-----	-----	3,850	1,150	150.00	-----	-----	104.00	104.00	
Idaho:												
1968.....	70	3,740	-----	-----	2,670	-----	180.00	-----	-----	56.00	-----	
1969.....	80	13,600	-----	-----	3,820	-----	130.00	-----	-----	43.00	-----	
1970.....	40	6,700	-----	-----	410	-----	170.00	-----	-----	50.00	-----	
Washington:												
1968.....	200	6,900	-----	-----	2,700	-----	214.00	-----	-----	116.00	-----	
1969.....	200	18,000	-----	-----	9,000	-----	186.00	-----	-----	54.00	-----	
1970.....	150	7,550	-----	-----	1,700	-----	234.00	-----	-----	108.00	-----	
Oregon:												
1968.....	140	9,760	300	90	800	-----	181.00	143.00	473.00	106.00	( <sup>4</sup> )	
1969.....	120	1,580	7,200	2,055	19,200	2,200	157.00	86.00	301.00	53.70	( <sup>4</sup> )	
1970.....	100	7,000	3,950	1,129	9,250	-----	192.00	93.00	326.00	82.00	( <sup>4</sup> )	
Total 4 States:												
1968.....	610	23,400	300	90	14,995	975	190.00	143.00	473.00	85.60	84.40	
1969.....	600	38,380	7,200	2,055	40,500	2,820	155.00	86.00	301.00	54.60	57.30	
1970.....	490	26,050	3,950	1,129	15,210	1,150	191.00	93.00	326.00	87.80	98.00	

<sup>1</sup> Michigan, Idaho, Washington, and Oregon. Mostly prunes; however, estimates include small quantities of plums in all States.<sup>2</sup> Some quantities frozen, dried, or otherwise processed are included with canned to avoid disclosure of individual operations.<sup>3</sup> Prices for fresh sales are average prices as sold; quantities processed are priced at the equivalent processing plant door level.<sup>4</sup> Not published to avoid disclosure of individual operations.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 355

<sup>1</sup> Quantities not harvested for economic reasons and excess cullage of harvested fruit.<sup>2</sup> Production is the quantity sold or utilized.<sup>3</sup> Fresh fruit prices are equivalent returns at point of first sale. Prior to 1963, processing fruit prices were at first delivery point; beginning 1963, they are equivalent returns at processing plant door.<sup>4</sup> Preliminary.

Statistical Reporting Service.

## 248 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 358.—Prunes and plums, fresh: Production in specified countries, 1968-70

Continent and country	1968	1969	1970 <sup>1</sup>	Continent and country	1968	1969	1970 <sup>1</sup>
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
North America:				Europe—Continued			
Canada.....	9.1	8.2	11.2	Switzerland.....	55.1	48.5	47.4
Mexico.....	16.1	16.5	16.0	United Kingdom.....	94.9	66.1	90.7
United States.....	532.5	492.8	671.9	Yugoslavia.....	794.8	1,424.2	1,074.7
Total.....	557.7	517.5	699.1	Total.....	2,372.9	2,617.7	2,397.3
South America:				Africa:			
Argentina.....	67.8	73.0	81.9	South Africa, Republic of.....	10.8	10.7	9.6
Chile.....	26.5	24.3	23.7	Asia:			
Total.....	94.3	97.3	105.6	Japan.....	73.9	35.3	75.0
Europe:				Turkey.....	115.7	109.1	121.3
Austria.....	130.9	89.3	108.1	Total.....	189.6	144.4	196.3
Belgium and Luxembourg.....	19.8	15.4	13.2	Oceania:			
France.....	184.6	186.7	260.3	New Zealand.....	4.0	4.7	4.0
Germany, West.....	804.9	520.2	597.1	Total specified countries.....	3,229.3	3,392.3	3,411.9
Greece.....	17.5	7.7	7.7				
Italy.....	148.1	151.1	156.5				
Netherlands.....	16.2	12.2	9.9				
Norway.....	16.8	21.0	18.1				
Spain.....	87.6	73.8	72.1				
Sweden.....	1.7	1.7	1.5				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 359.—Prunes, dried: United States exports by country of destination, 1967-69

Country of destination	Year beginning July			Country of destination	Year beginning July		
	1967	1968	1969		1967	1968	1969
	Tons	Tons	Tons		Tons	Tons	Tons
Europe:				Latin America—Continued			
Austria.....	106	106	118	Guatemala.....	56	52	39
Belgium and Luxembourg.....	1,945	1,810	1,281	Mexico.....	473	672	583
Denmark.....	3,177	3,398	3,134	Panama.....	124	154	110
Finland.....	2,262	2,552	2,519	Peru.....	9	23	10
France.....	5,125	3,987	3,932	Venezuela.....	1,018	1,016	851
Germany, West.....	998	1,309	1,120	Other countries.....	67	35	31
Iceland.....	141	136	140	Total.....	2,041	2,183	1,829
Ireland.....	261	222	41	Other countries:			
Italy.....	7,187	6,573	7,077	Algeria.....			8
Netherlands.....	1,293	1,052	778	Canada.....	4,918	4,877	4,751
Norway.....	2,002	2,235	1,574	Hong Kong.....	364	436	471
Spain.....	253	233	372	Israel.....	30	364	200
Sweden.....	2,881	2,754	2,270	Japan.....	862	910	925
Switzerland.....	275	450	476	Malaysia.....	291	316	403
United Kingdom.....	7,064	5,362	5,613	Morocco.....	92	176	191
Other countries.....	17	226	11	Netherlands Antilles.....	43	53	34
Total.....	34,987	32,405	30,456	New Zealand.....	422	683	255
Latin America:				Philippines.....	538	590	304
Bolivia.....	12	4	5	South Africa, Republic of.....	204	524	-----
Colombia.....	25	5	12	West Indies.....	229	300	315
Costa Rica.....	35	25	34	Others.....	369	346	178
Dominican Republic.....	79	104	70	Total.....	8,362	9,575	8,035
Ecuador.....	113	86	74	Grand total.....	45,390	44,163	40,320
El Salvador.....	30	7	10				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 360.—Prunes: Foreign trade, United States, 1954-69

Year beginning July	Domestic exports					Imports			
	Fresh prunes and plums	Canned prunes and plums	Dried prunes <sup>1</sup>	Dried, in fruit salad <sup>2</sup>	Total, in terms of fresh <sup>3</sup>	Fresh prunes and plums	Otherwise prepared or preserved <sup>4</sup>	Dried prunes	Total, in terms of fresh <sup>5</sup>
	Tons	1,000 pounds	Tons	Tons	Tons	Tons	1,000 pounds	Tons	Tons
1954.....	4,185	468	38,299	1,062	100,358	1,258	865	( <sup>6</sup> )	1,647
1955.....	8,833	837	36,825	1,638	102,952	1,604	1,060		2,170
1956.....	9,489	685	60,917	1,457	161,872	913	1,095	2	1,410
1957.....	8,139	2,132	61,094	1,802	162,321	989	1,097	2	1,487
1958.....	8,554	874	31,416	1,135	88,264	1,058	1,204	3	1,607
1959.....	10,033	973	37,926	1,489	106,521	898	859	104	1,537
1960.....	9,491	770	36,370	1,187	101,373	1,237	907	761	3,800
1961.....	8,116	576	42,923	1,538	116,766	1,125	962	330	2,362
1962.....	8,376	1,631	43,331	1,741	118,904	1,483	851	165	2,267
1963.....	9,781	2,803	40,659	1,277	113,086	1,455	1,049	125	2,231
1964.....	9,938	659	49,175	1,344	133,396	1,689	1,027	80	2,346
1965.....	15,593	( <sup>6</sup> )	62,074	1,694	181,146	1,212	1,205	87	1,965
1966.....	6,214	( <sup>6</sup> )	46,734	1,168	130,576	836	1,167	520	2,711
1967.....	13,862	( <sup>6</sup> )	45,390	1,082	134,509	1,846	1,230	680	4,165
1968.....	9,899	( <sup>6</sup> )	44,163	846	126,747	2,193	1,228	426	3,852
1969 <sup>7</sup> .....	10,613	( <sup>6</sup> )	40,320	926	107,079	1,491	1,311	1,028	4,748

<sup>1</sup> Net processed weight. <sup>2</sup> Dried prunes in salad estimated at 43 percent of total dried fruit for salad. <sup>3</sup> Beginning 1965, exports and imports of dried prunes converted to unprocessed dry weight by dividing by 1.04 (1.025 prior to 1965). Unprocessed dry weight converted to terms of fresh fruit on the basis that 1 pound dried equals 2.7 pounds fresh (2½ pounds prior to 1965). Canned prunes converted to terms of fresh fruit on the basis that 1 pound canned equals 0.729 pound fresh. <sup>4</sup> Otherwise prepared or preserved<sup>5</sup> converted to terms of fresh fruit on the basis of 1 pound equals 0.899 pound fresh. <sup>5</sup> Less than ¼ ton. <sup>6</sup> No longer reported separately. <sup>7</sup> Preliminary.

Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 367.

Table 361.—Strawberries, commercial crop: Acreage, yield, production, value per unit, and total value, United States, 1954-70

Year	Fresh market and processing					Fresh market <sup>1</sup>		Processing			
	Acreage for harvest	Yield per acre	Production <sup>1</sup>	Value <sup>2</sup>		Production of value	Value <sup>2</sup>		Production of value	Value <sup>2</sup>	
				Per unit	Total		Per unit	Total		Per unit	Total
	Acres	Pounds	1,000 pounds	Cents per lb.	1,000 dollars	1,000 pounds	Cents per lb.	1,000 dollars	1,000 pounds	Cents per lb.	1,000 dollars
1954.....	96,200	4,280	411,469	19.4	79,026	184,402	23.7	43,757	222,819	15.8	35,269
1955.....	100,490	4,450	446,716	20.0	89,555	187,423	24.7	46,217	259,293	16.7	43,338
1956.....	114,710	4,780	548,036	17.9	97,972	241,068	22.0	53,328	306,968	14.5	44,644
1957.....	122,170	4,510	550,638	14.3	77,652	276,297	19.1	52,740	267,858	9.3	24,912
1958.....	109,230	4,860	531,387	16.0	84,780	264,694	20.0	52,939	265,993	12.0	31,841
1959.....	96,560	4,969	479,774	17.9	85,924	239,082	22.3	53,223	240,692	13.6	32,701
1960.....	92,200	5,053	465,861	19.2	89,598	236,981	23.7	56,056	228,880	14.7	33,542
1961.....	88,390	5,739	507,309	17.5	88,757	285,872	21.9	62,512	221,437	11.9	26,245
1962.....	87,910	5,919	520,362	18.0	93,728	290,505	22.4	64,999	229,857	12.5	28,729
1963.....	80,070	6,399	509,936	18.6	95,852	295,131	23.7	69,985	214,805	12.1	25,897
1964.....	74,950	7,426	556,593	20.2	110,933	297,325	25.3	75,111	259,268	14.2	35,822
1965.....	69,380	6,619	459,255	22.4	96,172	271,358	26.4	65,859	187,897	16.9	30,313
1966.....	69,170	6,716	464,542	22.2	103,047	257,426	26.5	68,124	207,116	16.9	34,923
1967.....	67,020	7,067	473,626	20.5	97,021	281,386	24.6	69,093	192,240	14.5	27,928
	Acres	Cwt.	1,000 cwt.	Dollars per cwt.	1,000 dollars	1,000 cwt.	Dollars per cwt.	1,000 dollars	1,000 cwt.	Dollars per cwt.	1,000 dollars
1968.....	61,400	85	5,205	21.30	110,621	3,322	24.20	80,438	1,883	16.00	30,183
1969.....	57,080	85	4,857	22.60	109,662	3,149	25.90	81,588	1,708	16.40	28,074
1970 <sup>4</sup> .....	53,420	93	4,947	21.50	106,264	3,156	24.80	78,408	1,791	15.60	27,856

See footnotes on page 250.

## 250 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 362.—Strawberries, commercial crop: Acreage, production, and value per hundred-weight, by States, 1968-70<sup>1</sup>

Season and State	Acreage			Production			Value per unit		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>1,000 cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>	<i>Dollars per cwt.</i>
Winter: Florida.....	1,900	1,600	1,900	152	160	144	28.60	32.60	29.40
Spring: California.....	8,600	8,400	8,500	2,898	2,688	<sup>3</sup> 2,890	21.00	22.60	21.60
Early spring:									
Louisiana.....	3,500	2,700	2,100	109	78	84	21.20	24.20	24.00
Texas.....	500	500	400	13	12	10	31.30	27.00	24.40
Total or average.....	4,000	3,200	2,500	122	90	94	22.30	24.50	24.00
Mid-spring:									
Illinois.....	1,500	1,500	1,500	33	33	36	21.40	21.20	22.30
Missouri.....	750	750	600	19	21	19	23.80	25.60	21.90
Maryland.....	700	700	600	28	22	19	25.20	22.90	27.60
Virginia.....	1,300	1,100	1,000	44	35	33	25.80	22.30	24.40
North Carolina.....	1,900	1,700	1,800	59	39	36	31.10	29.70	30.10
Kentucky.....	1,000	800	700	29	29	26	23.40	25.80	27.80
Tennessee.....	1,700	1,200	900	43	30	24	22.00	24.50	26.50
Arkansas.....	2,300	2,100	1,500	58	61	42	22.00	23.70	25.10
Oklahoma.....	900	900	700	36	43	17	18.90	19.20	22.90
Total or average.....	12,050	10,750	9,300	349	313	252	24.10	23.80	25.50
Late spring:									
Massachusetts.....	350	330	320	10	12	12	39.10	40.90	38.00
New York.....	2,000	1,800	1,700	60	54	63	32.40	34.70	30.30
New Jersey.....	2,100	1,800	1,700	86	79	68	29.60	31.80	31.60
Pennsylvania.....	1,700	1,600	1,600	48	46	48	32.90	37.20	38.00
Ohio.....	1,400	1,300	1,200	35	43	40	25.00	27.00	28.00
Indiana.....	1,100	1,000	900	47	26	25	25.00	29.80	25.80
Michigan.....	6,500	6,300	6,200	267	334	254	22.20	21.30	20.10
Wisconsin.....	1,800	1,900	1,800	43	32	49	33.00	31.40	30.50
Washington.....	5,300	4,500	4,100	382	261	299	17.60	18.30	16.90
Oregon.....	12,600	12,700	11,800	706	<sup>3</sup> 699	708	16.70	17.30	15.90
Total or average.....	34,850	33,130	31,320	1,684	1,606	1,567	20.40	21.20	19.80
United States.....	61,400	57,080	53,420	5,205	4,857	4,947	21.30	22.60	21.50

<sup>1</sup> Includes quantities used for fresh and processing.<sup>2</sup> Preliminary.<sup>3</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1969—late spring, Oregon, 70; 1970—spring, California, 100.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 361

<sup>1</sup> Excludes the following quantities not marketed (1,000 hundredweight): 70 in 1969 and 100 in 1970. Excludes 4,400,000 pounds in 1967; prior to 1967, included the following quantities not marketed which were excluded in computing value (1,000 pounds): 4,248 in 1954, 6,483 in 1957, 700 in 1958, 500 in 1959, 7,700 in 1964, 30,112 in 1965, and 400 in 1966.<sup>2</sup> Fresh market on f.o.b. basis. Beginning 1964, processing value at processing plant door; prior to 1964, average price received by growers at receiving point.<sup>3</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 368.

Table 363.—Strawberries, commercial crop: Production and value per hundredweight, by States, 1968-70

Utilization, season, and State	Production			Value per unit		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars per cwt.	Dollars per cwt.	Dollars per cwt.
<b>FOR FRESH MARKET<sup>2</sup></b>						
Winter: Florida.....	152	160	144	28.60	32.60	29.40
Spring: California.....	2,132	2,024	<sup>3</sup> 2,154	23.10	25.00	23.70
Early spring:						
Louisiana.....	109	78	84	21.20	24.20	24.00
Texas.....	13	12	10	31.30	27.00	24.40
Total or average.....	122	90	94	22.30	24.50	24.00
Mid-spring:						
Illinois.....	33	33	36	21.40	21.20	22.30
Missouri.....	19	21	19	23.80	25.60	21.90
Maryland.....	28	22	19	25.20	22.90	27.60
Virginia.....	44	35	33	25.80	22.30	24.40
North Carolina.....	59	39	36	31.10	29.70	30.10
Kentucky.....	29	29	26	23.40	25.80	27.80
Tennessee.....	43	30	24	22.00	24.50	26.50
Arkansas.....	58	61	42	22.00	23.70	25.10
Oklahoma.....	36	43	17	18.90	19.20	22.90
Total or average.....	340	313	252	24.10	23.80	25.50
Late spring:						
Massachusetts.....	10	12	12	39.10	40.90	38.00
New York.....	60	54	63	32.40	34.70	30.30
New Jersey.....	86	79	68	29.60	31.80	31.60
Pennsylvania.....	48	46	48	32.90	37.20	38.00
Ohio.....	35	43	40	25.00	27.00	28.00
Indiana.....	47	26	26	25.00	29.80	25.80
Michigan.....	178	184	150	24.40	23.60	22.60
Wisconsin.....	43	52	49	33.00	31.40	30.50
Washington.....	36	36	32	24.30	28.00	26.20
Oregon.....	24	30	24	23.20	23.00	24.00
Total or average.....	567	562	512	27.70	28.70	28.20
United States.....	3,322	3,149	3,156	24.20	25.90	24.80
<b>FOR PROCESSING</b>						
Spring: California.....	766	664	736	15.00	15.20	15.30
Late spring:						
Michigan.....	89	150	104	17.90	18.40	16.40
Washington.....	346	225	267	16.90	17.10	15.80
Oregon.....	682	<sup>3</sup> 609	684	16.50	17.00	15.00
Total or average.....	1,117	1,044	1,055	16.70	17.20	15.70
United States.....	1,853	1,708	1,791	16.00	16.40	15.50

<sup>1</sup> Preliminary.<sup>2</sup> Mostly for fresh market, but includes some quantities used for processing in States for which processing estimates are not prepared.<sup>3</sup> Excludes the following quantities not harvested or not marketed because of economic conditions (1,000 hundredweight): 1969—late spring, Oregon, 70; 1970—spring, California, 100.

Statistical Reporting Service.



## 252 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 364.—Fruits: Unloads at 8 markets, by commodities, 1970

Commodity	Boston			New York <sup>1</sup>			Philadelphia			Baltimore		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
Apples.....	Cars 320	Cars 1,109	Cars 1,429	Cars 2,314	Cars 4,777	Cars 7,091	Cars 636	Cars 1,295	Cars 1,931	Cars 136	Cars 623	Cars 759
Grapefruit.....	285	709	994	2,332	2,147	4,479	726	1,122	1,848	145	278	423
Grapes.....	521	115	636	3,723	266	3,989	771	159	930	229	77	306
Lemons.....	275	25	300	1,670	71	1,741	618	46	664	142	55	197
Mixed citrus.....	71	71	142	758	758	1,516	180	180	360	125	125	250
Oranges <sup>2</sup> .....	2,094	525	2,619	6,061	2,242	8,303	2,363	1,212	3,575	407	516	923
Peaches.....	608	608	1,216	2,537	2,625	5,162	1	567	568	10	219	229
Pears.....	391	47	438	2,245	134	2,379	440	58	498	88	51	139
Plums and fresh prunes.....	283	45	328	1,543	250	1,793	283	80	363	40	39	79
Strawberries.....	297	263	560	612	894	1,506	157	425	582	107	142	249
Tangerines.....	26	217	243	257	531	788	77	197	274	13	106	119
Miscellaneous.....	268	1,876	2,144	12,805	1,242	14,047	399	2,732	3,131	881	181	1,062
Total.....	4,531	5,539	10,070	34,408	15,091	49,499	6,651	7,893	14,544	2,323	2,287	4,610

  

Commodity	Atlanta			Chicago			Los Angeles			San Francisco <sup>4</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
Apples.....	Cars 240	Cars 868	Cars 1,108	Cars 935	Cars 1,716	Cars 2,651	Cars 149	Cars 5,695	Cars 5,844	Cars 6	Cars 2,407	Cars 2,413
Grapefruit.....	6	357	363	371	835	1,206	1	2,649	2,650	1	1,136	1,136
Grapes.....	25	253	278	693	122	815	1,861	1,861	3,722	689	689	1,378
Lemons.....	103	202	305	336	42	378	836	836	1,672	289	289	578
Mixed citrus.....	5	5	10	209	209	418	4,761	4,761	9,522	1	2,299	2,300
Oranges <sup>2</sup> .....	22	942	964	2,346	658	3,004	1,249	1,249	2,498	1	529	530
Peaches.....	29	371	400	122	683	805	35	877	912	1	257	258
Pears.....	20	30	50	312	362	674	3	729	732	1	241	242
Plums and fresh prunes.....	3	53	56	326	90	416	3	729	732	1	241	242
Strawberries.....	2	490	492	333	748	1,081	3	1,236	1,239	1	935	936
Tangerines.....	72	101	173	91	250	341	431	431	862	101	101	202
Miscellaneous.....	72	1,847	1,919	993	2,519	3,512	6,924	2,151	9,075	359	4,128	4,487
Total.....	507	5,514	6,021	7,067	7,713	14,780	7,115	22,475	29,590	367	12,981	13,348

<sup>1</sup> Estimated percentages of completeness for reported truck unloads for 1970 are as follows: Chicago, New York, and Philadelphia, 85%; Atlanta, Baltimore, and Los Angeles, 90%; Boston, 90-95%; and San Francisco, 95%.

<sup>2</sup> Includes Newark.

<sup>3</sup> Includes Oakland.

Consumer and Marketing Service.

Table 365.—Fruits: Total unloads at 8 markets, 1961-70

Year	Boston			New York <sup>1</sup>			Philadelphia			Baltimore		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1961.....	6,558	5,938	12,496	40,288	14,347	54,635	11,539	8,445	19,984	4,765	2,285	7,050
1962.....	6,157	6,237	12,394	40,874	14,705	55,579	11,925	9,248	21,173	4,792	2,196	6,988
1963.....	5,640	5,520	11,160	37,274	15,860	53,134	7,285	7,886	15,171	4,131	2,065	6,196
1964.....	6,093	5,046	11,139	39,638	14,062	53,699	7,584	8,054	15,638	3,875	2,214	6,089
1965.....	6,256	5,566	11,822	40,785	14,894	55,677	7,737	7,668	15,405	4,061	2,307	6,368
1966.....	5,826	5,286	11,112	41,394	13,241	54,635	7,662	7,488	15,150	4,484	1,999	6,483
1967.....	5,615	4,724	10,339	40,008	13,396	53,404	7,519	7,947	15,466	4,147	2,075	6,222
1968.....	4,181	5,310	9,491	35,468	14,239	49,707	6,198	7,708	13,906	2,797	2,332	5,129
1969.....	4,903	5,005	9,908	35,635	13,663	49,298	6,516	7,018	14,134	2,371	2,554	4,925
1970.....	4,831	5,539	10,370	34,408	15,091	49,499	6,651	7,893	14,544	2,323	2,287	4,610

  

Year	Atlanta			Chicago			Los Angeles			San Francisco <sup>1</sup>		
	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total	Rail, boat, and air	Motor-truck <sup>1</sup>	Total
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1961.....	723	6,304	7,027	11,987	7,763	19,750	11,531	22,128	33,659	4,399	8,043	12,442
1962.....	693	6,322	7,015	10,509	8,347	18,856	9,108	22,529	31,637	4,356	8,359	12,715
1963.....	759	5,558	6,317	9,723	7,527	17,250	8,693	22,325	31,018	4,384	9,477	13,861
1964.....	866	5,538	6,404	10,232	7,297	17,529	8,858	23,514	32,372	3,537	10,738	14,275
1965.....	692	5,798	6,490	12,234	6,431	18,665	9,382	23,040	32,422	3,323	10,552	13,875
1966.....	717	5,682	6,399	11,982	6,186	18,168	10,405	22,729	33,134	3,177	11,102	14,279
1967.....	673	5,648	6,321	10,061	6,477	16,538	10,604	21,760	32,364	1,384	13,749	15,133
1968.....	586	1,109	5,695	9,052	7,566	16,618	7,429	21,795	29,224	439	11,953	12,392
1969.....	560	5,077	5,637	9,076	7,435	16,511	6,186	22,414	28,600	257	12,337	12,594
1970.....	507	5,514	6,021	7,067	7,713	14,780	7,115	22,475	29,590	367	12,981	13,348

<sup>1</sup> Estimated percentages of completeness for reported truck unloads for 1970 are as follows: Chicago, New York, and Philadelphia, 85%; Atlanta, Baltimore, and Los Angeles, 90%; Boston, 90-95%; and San Francisco, 95%.

<sup>2</sup> Includes Newark.

<sup>3</sup> Includes Oakland.

Consumer and Marketing Service. Data for 1955-60 in *Agricultural Statistics, 1967*, table 371.

# 254 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

**Table 366.—Fruits, fresh: Carlot rail and boat shipments of specified kinds, United States, 1961-70<sup>1</sup>**

Year	Apples	Citrus fruits				Grapes		Peaches	Pears
		Oranges <sup>2</sup>	Grapefruit	Lemons	Mixed citrus	California	Other		
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1961.....	10,163	29,294	11,349	14,061	8,520	19,845	344	5,691	7,356
1962.....	13,195	28,602	9,745	11,472	6,495	23,467	424	4,313	9,369
1963.....	20,213	24,420	6,226	12,770	4,252	20,991	583	2,859	4,615
1964.....	15,729	30,538	7,883	12,783	4,916	21,016	504	2,861	6,908
1965.....	10,741	35,330	10,152	11,859	5,873	23,233	603	2,193	4,763
1966.....	17,335	37,813	9,666	12,796	6,426	21,938	611	2,008	7,724
1967.....	12,654	38,747	11,489	12,406	6,162	16,882	624	968	4,007
1968.....	8,774	23,989	8,020	12,279	4,549	16,310	568	1,224	4,925
1969.....	14,833	36,581	8,688	10,446	3,159	15,957	631	1,314	6,848
1970.....	6,158	34,680	7,118	11,286	3,145	12,734	349	894	5,057

  

Year	Apricots	Cherries	Cranberries	Plums and fresh prunes	Strawberries	Mixed deciduous fruits	Total fruits
	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1961.....	310	1,354	250	4,971	3,708	1,529	118,745
1962.....	339	1,527	222	4,693	3,702	1,634	119,199
1963.....	302	1,402	148	5,165	3,457	2,000	109,383
1964.....	344	1,716	45	5,249	3,393	3,482	117,427
1965.....	286	902	28	5,237	2,283	2,087	115,589
1966.....	261	1,434	33	3,702	1,997	3,042	126,786
1967.....	142	1,349	24	3,584	2,764	3,431	115,233
1968.....	127	1,080	3	3,580	2,993	2,993	91,424
1969.....	125	1,510	-----	2,903	2,350	2,869	108,214
1970.....	81	1,036	-----	4,030	2,139	2,773	91,450

<sup>1</sup> Data for all commodities are on a calendar-year basis, except apples and pears, which begin in June of year indicated and end the following year. Shipments by truck are not included but represent a large proportion of total movement, especially for some commodities. The data are not indicative of total production or total sales.

<sup>2</sup> Includes satsumas and tangerines.

Consumer and Marketing Service. Compiled from daily and monthly reports received from officials and local agents of common carriers throughout the country. Shipments shown in carlots include boat shipments reduced to a carlot basis. Data for 1944-60 in *Agricultural Statistics, 1967*, table 372.

**Table 367.—Fruits, canned: United States pack of selected items, 1961-70**

Season	Apples and applesauce	Apricots	Berries	Cherries	Citrus sections and salad <sup>1</sup>	Cranberry sauce	Peaches <sup>2</sup>	Pears	Pineapple <sup>3</sup>	Plums and prunes	Salad and cocktail	Total of these items
	Million cases <sup>4</sup>	Million cases <sup>4</sup>	Million cases <sup>4</sup>	Million cases <sup>4</sup>	Million cases <sup>4</sup>	Million cases <sup>4</sup>	Million cases <sup>4</sup>	Million cases <sup>4</sup>	Million cases <sup>4</sup>	Million cases <sup>4</sup>	Million cases <sup>4</sup>	Million cases <sup>4</sup>
1961.....	16.2	4.8	0.8	3.5	3.2	3.4	31.3	9.1	15.2	1.7	14.8	104.0
1962.....	16.1	4.0	.9	4.3	1.9	3.2	33.2	9.4	15.1	2.2	15.1	105.4
1963.....	16.7	4.1	.8	1.4	2.4	3.3	33.2	5.6	15.0	1.2	13.7	97.4
1964.....	18.9	5.2	.7	4.5	2.7	3.1	37.8	11.4	13.6	1.5	17.6	117.0
1965.....	20.0	5.1	.7	3.1	3.0	3.4	30.0	6.4	15.0	1.7	15.7	104.1
1966.....	14.7	5.0	.9	1.6	3.6	3.6	36.7	11.0	16.7	1.5	17.1	112.4
1967.....	17.3	4.2	1.0	1.6	2.6	3.5	27.0	5.8	16.4	1.9	14.3	95.6
1968.....	17.4	4.5	.5	1.7	2.6	3.8	36.3	10.3	16.5	.7	17.9	112.2
1969.....	19.6	5.5	.5	2.5	2.5	3.5	38.0	10.6	16.9	2.2	18.2	120.0
1970 <sup>5</sup> .....	16.2	3.8	.4	1.0	-----	3.9	29.8	8.6	-----	.8	14.3	-----

<sup>1</sup> Grapefruit sections, orange sections, and citrus salad.

<sup>2</sup> Including spiced peaches.

<sup>3</sup> Hawaiian pack.

<sup>4</sup> In terms of 24 No. 2½ cans.

<sup>5</sup> Preliminary.

Economic Research Service. Data from National Canners Association and Florida Canners Association. In addition to the canned fruits shown in this table, considerable quantities of figs and olives are also canned. Data for 1944-60 in *Agricultural Statistics, 1967*, table 373.

Table 368.—Fruit juices, canned: United States packs, 1960-69

Mainly season beginning November	Citrus juices <sup>1</sup>				Pineapple juice <sup>2</sup>	Grape juice	Prune juice	Apple juice	Fruit nectars
	Grapefruit	Orange	Blended orange and grapefruit	Tangerine and tangerine blends					
	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>	1,000 cases <sup>3</sup>
1960.....	10,975	11,946	3,234	553	14,393	5,100	6,800	6,236	7,000
1961.....	11,228	14,964	3,933	262	15,253	5,100	6,800	6,831	4,000
1962.....	9,445	11,823	3,133	317	15,263	5,100	7,000	7,414	4,000
1963.....	6,305	8,192	2,573	221	14,802	4,900	7,300	8,435	3,000
1964.....	10,927	10,799	2,512	187	13,788	4,800	7,390	9,587	2,860
1965.....	13,826	12,114	2,911	62	15,354	4,800	7,600	9,611	2,860
1966.....	20,991	16,341	3,738	156	15,034	4,700	7,500	8,889	2,860
1967.....	15,826	10,414	2,187	49	15,061	4,600	7,400	8,726	2,860
1968.....	20,335	13,453	2,578	92	13,954	3,921	5,267	9,365	2,733
1969.....	22,124	14,296	2,419	47	15,014	( <sup>4</sup> )	( <sup>4</sup> )	13,390	( <sup>4</sup> )

<sup>1</sup> Excluding citrus concentrates.<sup>2</sup> Hawaii and foreign operations.<sup>3</sup> Equivalent cases of 24 No. 2 cans.<sup>4</sup> Not available.

Economic Research Service. Based on data obtained from various canners' associations and individual canners. Data for 1944-59 in *Agricultural Statistics, 1967*, intable 374.

Table 369.—Fruits, dried: Production (dry basis), United States, 1961-70

Year	Apples	Apricots	Dates	Figs	Peaches	Pears	Prunes <sup>1</sup>	Raisins	Total
	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
1961.....	12,410	5,560	21,400	18,500	4,450	1,080	101,150	228,400	392,950
1962.....	15,970	4,900	24,200	20,400	6,340	1,400	109,310	191,300	373,910
1963.....	10,750	8,050	22,100	18,500	5,890	440	86,160	251,800	403,690
1964.....	8,890	6,230	24,300	19,000	5,180	1,350	132,100	231,500	428,550
1965.....	11,510	5,180	21,000	18,400	5,430	170	117,120	270,200	449,010
1966.....	15,900	6,500	21,300	20,600	3,380	1,280	96,910	280,300	446,170
1967.....	9,980	3,670	20,800	12,200	1,960	180	122,110	181,200	352,100
1968.....	10,860	3,850	23,000	15,800	2,820	400	107,420	264,500	428,650
1969.....	17,510	6,970	16,500	17,500	4,320	650	93,300	251,900	408,650
1970 <sup>2</sup> .....	10,800	6,070	18,100	14,400	2,800	540	160,740	193,400	406,850

<sup>1</sup> Excludes quantities not harvested and/or excess cullage of harvested prunes. Excludes prunes used for juice and concentrates.<sup>2</sup> Includes 14,000 tons laid but lost in field because of rain.<sup>3</sup> Preliminary.

Economic Research Service. Compiled from reports of the Department and trade sources. All data on a natural condition basis. Data for 1944-60 in *Agricultural Statistics, 1967*, table 375.

## 256 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 370.—Fruits, dried: Commercial production in specified countries, 1968-70

Commodity and country	1968	1969	1970 <sup>1</sup>	Commodity and country	1968	1969	1970 <sup>1</sup>
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Apples, dried:				Peaches, dried—Continued			
Australia.....	0.3			South Africa, Republic of.....	2.0	1.8	1.7
South Africa, Republic of.....	.2	0.2	0.1	Total.....	4.4	3.9	3.6
Total.....	.8	.2	.1				
Apricots, dried:				Pears, dried:			
Australia.....	1.5	3.1	1.9	Australia.....	.5	.1	.3
Iran.....	9.4	7.2	13.2	South Africa, Republic of.....	1.0	1.4	1.1
Spain.....	1.4	1.4	1.3	Total.....	1.5	1.5	1.4
South Africa, Republic of.....	1.1	1.2	1.1				
Total.....	13.4	12.9	17.5	Prunes, dried:			
Currents:				Argentina.....	5.5	6.4	4.4
Australia.....	9.0	7.6	9.0	Australia.....	1.8	3.7	5.0
Greece.....	101.0	106.2	91.0	Chile.....	5.8	5.5	5.3
South Africa, Republic of.....	.7	.7	.6	France.....	16.0	17.6	15.4
Total.....	110.7	114.5	100.6	South Africa, Republic of.....	1.1	2.6	1.8
				Yugoslavia.....	14.1	46.0	20.0
Figs, dried:				Total.....	44.3	81.8	51.9
Greece.....	26.4	29.5	28.4				
Italy.....	23.4	25.0	22.5	Raisins:			
Portugal.....	11.0	11.0	12.0	Argentina.....	12.1	2.2	3.3
Turkey.....	49.6	53.0	55.0	Australia.....	82.6	49.2	94.9
Total.....	110.4	118.5	117.9	Chile.....	.8	.8	.8
Peaches dried:				Greece.....	106.0	93.8	85.0
Australia.....	.6	.4	.4	Iran.....	66.0	39.0	66.0
Chile.....	1.8	1.7	1.5	South Africa, Republic of.....	13.0	18.6	13.8
				Spain.....	8.3	5.5	7.7
				Turkey.....	114.0	99.0	140.0
				Total.....	402.8	308.1	411.5

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 371.—Fruits, frozen: Commercial pack, United States, 1961-70

Commodity	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Apples and applesauce.....	80,117	65,874	75,429	86,893	93,392	94,352	97,634	117,218	122,293	100,370
Apricots.....	12,164	10,874	13,881	16,002	16,369	16,172	13,349	14,293	17,325	12,107
Cherries, red tart.....	186,440	137,293	81,644	202,322	146,355	87,367	97,792	141,515	140,688	121,271
Cherries, sweet.....	2,197	3,064	1,043	1,605	1,491	3,278	3,332	1,287	2,268	4,124
Grapes and pulp.....	13,598	13,865	15,648	22,722	18,117	6,712	8,490	21,544	11,149	5,185
Peaches.....	60,774	53,569	65,607	76,250	59,453	63,190	73,358	82,035	53,572	47,471
Plums.....			7,113	8,448	6,091	5,355	9,939	7,371	6,061	8,269
Prunes.....	2,198	2,574	512	1,635	1,178	259	555		640	
Purees, noncitrus.....				4,677	4,214	20,264	12,626	20,527	16,842	15,170
Berries:										
Blackberries.....	22,563	22,532	20,675	23,851	23,251	25,812	20,722	22,381	27,184	29,186
Blueberries.....	21,990	26,452	25,767	30,574	27,981	35,403	31,828	27,750	37,663	21,836
Boysenberries.....	13,020	11,987	9,521	8,840	8,962	9,165	8,433	8,953	9,253	8,478
Currents.....	822	755	965	1,295	715	650	891	557	1,337	746
Gooseberries.....	376	433	237	258	383	968	309	415	690	540
Loganberries.....	2,215	1,660	2,023	1,344	1,243	1,750	1,672	2,502	1,681	1,756
Oilberries.....		1,358	2,663	309	3,821	63	4,269	4,446	5,510	2,265
Raspberries.....	29,199	30,487	38,773	31,289	33,841	35,040	31,105	26,044	34,662	29,504
Strawberries.....	222,694	234,620	234,440	252,646	191,613	236,492	213,340	213,275	178,693	201,572
Citrus juices <sup>1</sup> .....	1,002,999	1,253,558	490,893	607,009	885,010	791,436	1,372,402	858,652	1,163,805	1,351,492
Miscellaneous fruits and berries.....	34,550	50,721	23,573	23,994	14,982	19,278	12,169	16,344	11,375	10,838
Total.....	1,707,925	1,921,676	1,110,407	1,402,163	1,538,462	1,455,006	2,014,215	1,587,109	1,842,088	1,972,180

<sup>1</sup> Florida only, beginning 1963.

Economic Research Service. Data from American Frozen Food Institute, and Florida Canners Association.

Table 372.—Fruits, frozen: Commercial pack, by kinds and areas, United States, 1970<sup>1</sup>

Commodity	Northeast <sup>2</sup>	South <sup>3</sup>	Midwest <sup>4</sup>	West <sup>5</sup>	Total
Apples and applesauce.....	1,000 pounds 49,749	1,000 pounds	1,000 pounds 44,137	1,000 pounds 6,484	1,000 pounds 100,370
Apricots.....				12,107	12,107
Cherries, red tart.....	29,904		84,627	6,740	121,271
Cherries, sweet.....			7,366	3,758	4,124
Grapes and pulp.....	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	( <sup>6</sup> )	5,185
Peaches.....		4,741		42,730	47,471
Plums.....			7,749	7,520	8,269
Pears, nonclutrus.....	10,290			4,880	15,170
Berries:					
Blackberries.....				29,186	29,186
Blueberries.....	11,062		9,145	1,629	21,836
Boysenberries.....				8,478	8,478
Currents.....				7,746	7,746
Gooseberries.....				540	540
Loganberries.....				1,756	1,756
Olallieberries.....				2,265	2,265
Raspberries, black.....			9,657	3,138	4,995
Raspberries, red.....				25,409	25,409
Strawberries.....			11,922	189,650	201,572
Citrus juices <sup>11</sup> .....		1,351,492			1,351,492
Miscellaneous fruits and berries.....				10,838	10,838
Total.....	101,005	1,356,233	151,903	357,854	1,972,180

<sup>1</sup> Includes the commercial pack only and does not include quantities produced in frozen food locker plants.<sup>2</sup> Connecticut, Maine, Massachusetts, New Jersey, New York, Pennsylvania, and Rhode Island.<sup>3</sup> Alabama, Arkansas, Delaware, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Missouri, North Carolina, Oklahoma, South Carolina, Tennessee, Texas, Virginia, and West Virginia.<sup>4</sup> Illinois, Indiana, Michigan, Minnesota, Nebraska, Ohio, and Wisconsin.<sup>5</sup> Arizona, California, Colorado, Hawaii, Idaho, Montana, Oregon, Utah, and Washington.<sup>6</sup> Includes pack in South.<sup>7</sup> Includes pack in Northeast.<sup>8</sup> Data by regions not available for publication.<sup>9</sup> Includes pack in Midwest.<sup>10</sup> Included with plums.<sup>11</sup> See table 324 for packs of concentrated grapefruit and orange juice in gallons, pack-year basis.<sup>12</sup> Florida only.

Economic Research Service. Data from American Frozen Food Institute and Florida Canners Association.

Table 373.—Canned fruits and fruit juices: Cannery and distributors' stocks, beginning of season, United States, 1968-70

Commodity	Season beginning—	Cannery's stocks			Distributors' stocks		
		1968	1969	1970	1968	1969	1970
Canned fruits:		1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>	1,000 cases <sup>1</sup>
Apples.....	July 1.....	1,742	2,000	2,140	399	377	335
Applesauce.....	July 1.....	6,959	8,012	10,160	1,471	1,550	1,643
Apricots.....	June 1.....	1,163	1,215	3,099	475	—	464
Cherries, red pitted.....	July 1.....	28	123	214	116	196	221
Cherries, sweet.....	June 1.....	282	172	567	165	—	158
Grapefruit sections <sup>2</sup> .....	June 1.....	358	543	599	332	327	366
Peaches.....	June 1.....	4,720	8,602	12,692	2,943	—	3,065
Pears.....	June 1.....	1,794	3,445	4,608	1,056	—	1,242
Pineapple.....	June 1.....	7,866	8,357	9,898	1,783	1,896	1,904
Purple plums.....	June 1.....	592	277	1,092	242	168	233
Fruit cocktail.....	June 1.....	4,457	5,277	6,895	1,813	—	1,909
Canned juices:							
Grapefruit <sup>3</sup> .....	Nov. 1.....	2,327	1,093	966	965	989	997
Orange <sup>3</sup> .....	Nov. 1.....	514	1,264	837	787	731	791
Blended orange and grapefruit <sup>3</sup> .....	Nov. 1.....	319	291	226	328	296	279
Pineapple <sup>3</sup> .....	June 1.....	3,289	2,105	4,258	925	775	716

<sup>1</sup> Actual cases. <sup>2</sup> Cannery's stocks cover Florida only. <sup>3</sup> Cannery's stocks include the Philippines.

Consumer and Marketing Service. Compiled from reports of the U.S. Department of Commerce.



## 258 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 374.—Fruits and juices: Cold-storage carryover stocks, United States, 1961-70

Year	Fresh		Frozen				
	Apples (July 1)	Pears (June 1)	Apples (Oct. 1)	Apricots (June 1)	Cherries (July 1)	Grapes (Sept. 1)	Peaches (July 1)
	1,000 pounds	1,000 boxes	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1961.....	12,006	0	20,309	6,100	8,821	4,151	25,167
1962.....	13,706	6	27,477	5,397	50,451	4,120	27,713
1963.....	31,484	32	23,588	4,590	40,784	3,609	18,933
1964.....	33,028	197	25,377	6,052	12,118	3,842	18,385
1965.....	70,645	23	26,534	7,715	66,129	2,967	32,758
1966.....	16,996	34	39,874	7,079	46,090	8,297	19,947
1967.....	49,348	25	27,071	6,370	14,248	5,219	16,949
1968.....	34,815	3	34,866	3,913	12,714	4,335	24,233
1969.....	44,882	5	51,346	4,443	33,535	2,267	35,063
1970.....	48,189	5	58,487	8,063	38,384	1,342	28,342

  

Year	Frozen—Continued						
	Black- berries (June 1)	Blue- berries (July 1)	Rasp- berries (June 1)	Boysen- berries (June 1)	Straw- berries (May 1)	Orange juice (Nov. 1)	Other fruit juices and purees (Nov. 1) <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1961.....	8,709	13,237	12,317	4,152	89,486	222,717	158,311
1962.....	8,319	12,962	8,220	5,551	76,571	418,767	159,181
1963.....	7,706	9,946	7,571	4,372	79,434	223,483	129,008
1964.....	3,586	6,624	12,082	2,569	61,598	183,143	167,234
1965.....	5,484	6,836	11,848	2,016	84,683	294,758	149,665
1966.....	10,692	8,207	13,156	4,049	92,242	242,906	157,507
1967.....	17,276	18,013	16,898	8,051	107,353	422,938	172,484
1968.....	11,724	19,614	10,958	6,362	81,266	232,127	131,586
1969.....	5,907	14,298	7,493	3,102	94,535	283,728	132,056
1970.....	9,196	16,616	10,801	3,453	116,659	355,668	139,333

<sup>1</sup> Beginning 1969, purees not included.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 380.

Table 375.—Fruits: Total and per capita civilian consumption, United States, 1954-70<sup>1</sup>

Year	Fruits used fresh							
	Total fruits		Apples <sup>2</sup>		Citrus fruits		Other fresh fruits <sup>3</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1954.....	16,728	105.1	3,178	20.0	6,689	42.0	6,861	43.1
1955.....	16,137	99.4	3,179	19.6	6,793	41.8	6,165	38.0
1956.....	16,359	98.9	3,131	18.9	6,473	39.1	6,755	40.9
1957.....	16,280	96.7	3,249	19.3	6,253	37.1	6,788	40.3
1958.....	16,121	94.0	3,867	22.5	5,309	31.0	6,945	40.5
1959.....	16,692	95.7	3,678	21.1	5,930	34.0	7,084	40.6
1960.....	16,628	93.4	3,256	18.3	6,000	33.7	7,372	41.4
1961.....	16,044	88.6	2,973	16.4	5,581	30.8	7,490	41.4
1962.....	15,318	83.4	3,202	17.4	5,421	29.5	6,695	36.5
1963.....	13,896	74.5	3,114	16.7	4,128	22.1	6,654	34.7
1964.....	14,890	78.7	3,379	17.8	4,951	26.2	6,560	35.7
1965.....	15,381	81.1	3,126	16.3	5,568	29.1	6,837	35.7
1966.....	15,736	81.4	3,084	16.0	5,626	29.1	7,026	36.3
1967.....	15,801	80.9	3,159	16.2	6,171	31.6	6,471	33.1
1968.....	15,425	78.3	3,087	15.7	5,175	26.3	7,163	36.3
1969.....	15,732	79.0	3,009	15.1	5,625	28.3	7,098	35.6
1970.....	16,278	80.8	3,645	18.1	5,715	28.4	6,918	34.3

  

Year	Canned fruits <sup>4</sup>		Canned juices <sup>5</sup>		Dried fruits <sup>6</sup>		Frozen fruits <sup>7</sup>	
	Total	Per capita	Total	Per capita	Total	Per capita	Total	Per capita
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds	Million pounds	Pounds
1954.....	3,365	21.2	2,096	13.2	622	3.9	1,185	7.4
1955.....	3,656	22.5	2,273	15.0	590	3.6	1,415	8.7
1956.....	3,617	21.9	2,448	14.8	615	3.7	1,457	8.8
1957.....	3,791	22.6	2,621	15.6	607	3.6	1,512	9.0
1958.....	3,926	22.9	2,768	16.1	518	3.0	1,363	7.9
1959.....	3,905	22.3	2,443	14.0	572	3.2	1,534	8.8
1960.....	4,091	23.0	2,687	15.1	553	3.1	1,619	9.1
1961.....	4,276	23.6	2,432	13.4	566	3.1	1,597	8.8
1962.....	4,256	23.2	2,561	14.0	556	3.0	1,779	9.7
1963.....	4,335	23.3	2,634	14.2	551	2.9	1,486	8.0
1964.....	4,426	23.4	2,428	12.9	562	2.9	1,399	7.4
1965.....	4,559	23.8	2,456	12.9	571	3.0	1,625	8.5
1966.....	4,516	23.4	2,874	14.9	585	3.0	1,566	8.1
1967.....	4,497	23.1	3,149	16.1	544	2.8	1,969	10.1
1968.....	4,398	22.3	3,240	16.4	559	2.8	1,846	9.4
1969.....	4,852	24.4	3,735	18.8	542	2.7	1,847	9.3
1970.....	4,634	23.0	3,728	18.5	521	2.6	1,974	9.8

<sup>1</sup> Fresh citrus fruits are on a crop-year basis. Dried fruits are on a pack-year basis. The per capita civilian consumption was obtained by dividing the total apparent civilian consumption by total population adjusted for members of the Armed Forces not eating out of civilian supplies.

<sup>2</sup> Excludes noncommercial apples.

<sup>3</sup> Apricots, avocados, bananas, cherries, cranberries, figs, grapes, nectarines, peaches, pears, pineapples, papayas beginning 1960, plums and prunes, and strawberries.

<sup>4</sup> Apples, applesauce, apricots, berries, cherries (including brined), cranberries, figs, fruit cocktail and salad, citrus sections, olives (including brined), pineapple, plums, prunes, peaches (including spiced), and pears.

<sup>5</sup> Grapefruit, orange, blended citrus, lemon and lime, tangerine and blends, pineapple, apple, grape, and prune juices, and fruit nectars. Including canned concentrated citrus juices converted to single-strength basis, but excludes all frozen juices.

<sup>6</sup> Dried apples, apricots, dates, figs, peaches, pears, prunes, and raisins. Excludes unmerchantable figs, substandard prunes, and prunes used for juice and concentrate. Data are in terms of processed dried weight.

<sup>7</sup> Principally cherries, apples, peaches, apricots, strawberries, other berries, and citrus juices.

<sup>8</sup> Beginning 1955, includes chilled citrus juices.

<sup>9</sup> Beginning 1950, includes chilled sections and salad.

Economic Research Service. Data for 1900-53 in *Agricultural Statistics, 1967*, table 381.

# 260 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

**Table 376.—Tree nuts: Supply and utilization, United States, 1954-70<sup>1</sup>**

Crop year	In-the-shell basis							Shelled basis		
	United States production <sup>2</sup>	Imports <sup>3</sup>	Beginning stocks	Total supply	Ex-ports <sup>4</sup>	Ending stocks	Civilian disappearance	Net civilian disappearance		
								Total	Per capita	
1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Pounds	
1954.....	347,578	391,430	82,493	821,501	37,648	34,362	749,491	490,420	259,071	1.61
1955.....	393,231	400,294	34,297	827,822	22,120	93,739	711,963	466,788	245,175	1.50
1956.....	441,096	310,358	93,702	845,156	39,570	142,821	662,765	426,515	236,250	1.41
1957.....	373,870	414,942	142,677	931,489	32,166	98,614	800,709	529,635	271,074	1.59
1958.....	404,730	417,093	98,526	920,349	25,136	102,924	792,289	520,075	272,214	1.57
1959.....	458,532	394,560	102,875	955,967	55,621	110,406	789,940	518,475	271,465	1.54
1960.....	459,271	387,304	110,206	956,781	35,869	114,021	806,891	523,519	283,372	1.58
1961.....	548,189	357,495	113,907	1,019,591	28,683	164,374	826,534	529,954	296,580	1.63
1962.....	351,480	402,401	164,199	918,080	31,708	97,071	789,301	515,735	273,566	1.48
1963.....	681,561	416,478	96,988	1,195,027	52,315	252,948	889,764	586,070	303,694	1.61
1964.....	533,407	392,116	252,853	1,178,376	52,448	242,775	883,153	572,955	310,198	1.62
1965.....	581,108	410,598	242,775	1,234,481	71,818	206,112	956,551	622,491	334,060	1.73
1966.....	556,876	391,162	206,112	1,154,150	63,454	177,894	912,802	587,340	325,462	1.67
1967.....	560,272	482,341	177,894	1,220,507	64,783	161,782	993,942	655,887	338,055	1.72
1968.....	557,764	538,680	161,782	1,258,226	56,463	166,400	1,035,363	682,066	353,297	1.78
1969 <sup>4</sup> .....	704,443	476,905	166,400	1,347,748	141,930	191,182	1,014,636	670,063	344,573	1.72
1970 <sup>4</sup> .....			191,182							

<sup>1</sup> Includes almonds, filberts, pecans, walnuts, Brazil nuts, pignolias, pistachios, chestnuts, cashews, and miscellaneous tree nuts. Beginning 1960, includes macadamias.

<sup>2</sup> Almonds, filberts, walnuts, pecans, and macadamias; no reports on other nuts. Excludes quantities unharvested and culls not used or used for oil.

<sup>3</sup> Foreign trade data on a fiscal-year basis, beginning July 1 of year indicated.

<sup>4</sup> Preliminary.

Economic Research Service. Data for 1950-53 in *Agricultural Statistics, 1968*, table 377.

**Table 377.—Tree nuts: Commercial production in specified countries, 1968-70**

Commodity and country	1968	1969	1970	Commodity and country	1968	1969	1970
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Almonds (shelled basis):				Filberts (in the shell)—			
Iran.....	8.0	6.0	11.0	Continued			
Italy.....	46.0	24.0	39.0	Turkey.....	145.0	187.0	265.0
Morocco.....	3.5	3.0	3.0	Total.....	255.0	243.0	391.0
Portugal.....	5.0	2.4	6.0				
Spain.....	41.0	24.0	35.0	Walnuts (in the shell):			
Total.....	103.5	59.4	94.0	France.....	30.0	25.0	30.0
Brazil nuts (in the shell):				India.....	15.5	11.0	16.5
Brazil.....	65.0	36.0	44.0	Iran.....	4.5	5.5	4.5
Filberts (in the shell):				Italy.....	18.0	20.0	24.0
Italy.....	90.0	47.0	97.0	Turkey.....	11.0	10.0	11.0
Spain.....	20.0	9.0	29.0	Total.....	79.0	71.5	86.0

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 378.—Almonds (in the shell): Production, season average price per ton, value, and imports, United States, 1954-70 <sup>1</sup>

Year	California			Imports, year be- ginning July <sup>2</sup>	Year	California			Imports, year be- ginning July <sup>2</sup>
	Produc- tion	Price	Value			Produc- tion	Price	Value	
	Tons	Dollars	1,000 dollars	Tons		Tons	Dollars	1,000 dollars	Tons
1954.....	43,200	498	21,514	2,206	1953.....	59,700	591	35,283	361
1955.....	38,300	861	32,976	726	1954.....	75,400	630	47,502	486
1956.....	58,600	804	47,114	112	1955.....	72,900	617	44,979	561
1957.....	37,500	505	18,938	8,024	1956.....	85,100	610	51,911	658
1958.....	19,800	772	15,286	20,106	1957.....	76,600	582	44,581	631
1959.....	82,800	466	38,585	2,572	1958.....	74,500	597	44,476	1,744
1960.....	53,000	526	27,878	1,131	1959.....	122,000	606	73,932	450
1961.....	66,400	561	37,250	644	1970 <sup>3</sup> .....	128,000	(*)	77,568	-----
1962.....	48,000	654	31,392	279					

<sup>1</sup> Production, price, and value for California only. Production of almonds was also reported in several other States in the 1964 Census of Agriculture, but more than 99.9 percent of the total production was in California.

<sup>2</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 3.333.

<sup>3</sup> Preliminary.

<sup>4</sup> Not available.

<sup>5</sup> The 1969 season average price used in evaluating production.

Statistical Reporting Service and Economic Research Service. Imports from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 384.

Table 379.—Filberts (in the shell): Production, season average price per ton, value, and imports, United States, 1954-70 <sup>1</sup>

Year	Oregon			Washington			Oregon and Washington			Imports, year be- ginning July <sup>4</sup>
	Produc- tion <sup>2</sup>	Price <sup>3</sup>	Value	Produc- tion <sup>2</sup>	Price <sup>3</sup>	Value	Produc- tion <sup>2</sup>	Price <sup>3</sup>	Value	
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons
1954.....	7,850	320	2,512	620	322	200	8,470	320	2,712	7,711
1955.....	7,400	420	3,108	310	422	131	7,710	420	3,239	6,699
1956.....	2,900	510	1,479	140	513	72	3,040	510	1,551	6,468
1957.....	11,700	300	3,510	610	303	185	12,310	300	3,695	5,792
1958.....	7,100	380	2,698	440	380	167	7,540	380	2,865	7,680
1959.....	9,500	376	3,572	600	378	227	10,100	376	3,799	7,439
1960.....	8,400	420	3,528	550	422	232	8,950	420	3,790	5,981
1961.....	11,100	380	4,218	690	382	252	11,790	380	4,470	9,359
1962.....	7,300	440	3,212	480	442	212	7,780	440	3,424	3,431
1963.....	6,600	470	3,102	360	470	169	6,960	470	3,271	5,780
1964.....	7,800	440	3,432	290	442	128	8,090	440	3,590	5,164
1965.....	7,300	450	3,285	440	452	199	7,740	450	3,484	6,080
1966.....	11,700	390	4,563	520	418	217	12,220	391	4,780	4,409
1967.....	7,000	492	3,444	540	497	268	7,540	492	3,712	8,485
1968.....	7,000	518	3,626	600	520	312	7,600	518	3,938	9,413
1969.....	7,100	550	3,905	300	555	167	7,400	550	4,072	4,792
1970 <sup>5</sup> .....	8,200	570	4,674	400	572	229	7,800	570	4,903	-----

<sup>1</sup> Production, price, and value for Oregon and Washington only. Production of small quantities of hazelnuts (filberts) was reported in several other States in the 1964 Census of Agriculture.

<sup>2</sup> Production is the quantity sold or utilized.

<sup>3</sup> Equivalent returns per ton at first delivery point. Total U.S. prices obtained by weighting State prices by quantity sold.

<sup>4</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 2.22.

<sup>5</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Imports from reports of the U.S. Department of Commerce. Data for 1927-53 in *Agricultural Statistics, 1967*, table 385.

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Table 380.—Pecans (in the shell): Production and season average price per pound, by States, 1968-70

Item and State	Production			Price for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
<b>IMPROVED VARIETIES<sup>2</sup></b>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
North Carolina.....	600	1,700	800	41.0	33.0	40.0
South Carolina.....	1,280	2,400	2,200	39.0	33.0	43.0
Georgia.....	35,000	73,000	38,000	42.5	31.0	42.0
Florida.....	3,200	2,100	2,000	40.0	30.0	37.0
Alabama.....	27,500	27,000	12,000	42.0	30.0	39.5
Mississippi.....	6,000	6,100	2,700	39.0	34.0	40.0
Arkansas.....	550	2,400	1,200	41.0	33.0	40.0
Louisiana.....	2,500	7,500	2,500	36.0	31.0	40.0
Oklahoma.....	100	700	600	45.0	41.0	48.0
Texas.....	8,000	5,700	8,000	40.0	40.0	45.0
New Mexico.....	10,000	6,700	8,500	48.5	37.0	47.0
United States.....	94,730	135,300	78,500	42.3	31.7	42.3
<b>WILD AND SEEDLING PECANS</b>						
North Carolina.....	200	900	300	30.0	26.0	31.0
South Carolina.....	320	600	400	32.0	25.0	32.0
Georgia.....	7,000	15,000	7,000	34.0	25.5	34.5
Florida.....	3,000	1,900	2,000	34.0	25.0	33.0
Alabama.....	4,000	6,500	3,000	34.0	25.0	34.0
Mississippi.....	5,000	5,400	2,300	33.0	28.0	34.0
Arkansas.....	1,850	6,200	3,800	32.0	27.0	35.0
Louisiana.....	14,000	22,200	11,500	31.0	27.0	34.0
Oklahoma.....	1,400	13,800	8,400	32.0	28.0	36.0
Texas.....	61,000	17,300	32,000	33.0	28.0	37.0
United States.....	97,770	89,800	70,700	32.8	26.9	35.7
<b>TOTAL</b>						
North Carolina.....	800	2,600	1,100	38.2	30.5	37.8
South Carolina.....	1,600	3,000	2,600	37.6	31.4	41.2
Georgia.....	42,000	88,000	45,000	41.1	30.1	40.8
Florida.....	6,200	4,000	4,000	37.0	27.5	34.9
Alabama.....	31,500	33,500	15,000	41.0	29.0	38.4
Mississippi.....	11,000	11,500	5,000	36.2	31.1	37.3
Arkansas.....	2,400	8,600	5,000	34.1	28.6	36.1
Louisiana.....	16,500	29,700	14,000	31.7	28.0	35.0
Oklahoma.....	1,500	14,500	9,000	32.7	28.6	36.8
Texas.....	69,000	23,000	40,000	33.8	31.1	38.6
New Mexico.....	10,000	6,700	8,500	48.5	37.0	47.0
United States.....	192,500	225,100	149,200	37.5	29.8	39.2

<sup>1</sup> Preliminary.<sup>2</sup> Budded, grafted, or topworked varieties.

Statistical Reporting Service.

Table 381.—Pecans (in the shell): Production, season average price per pound, value, and foreign trade, United States, 1954-70

Year	Improved varieties			Seedling			Total			Foreign trade	
	Production	Price <sup>1</sup>	Value	Production	Price <sup>1</sup>	Value	Production	Price <sup>1</sup>	Value	Imports <sup>2</sup>	Domestic exports <sup>3</sup>
	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 pounds	1,000 pounds
1954.....	43,800	32.7	14,292	50,800	25.2	12,765	94,600	28.6	27,057	885	2,859
1955.....	42,800	40.9	17,492	104,500	29.6	30,939	147,300	32.8	48,431	2,027	1,830
1956.....	106,850	19.2	20,503	67,550	17.4	11,784	174,400	18.5	32,287	919	2,298
1957.....	34,160	31.0	10,600	107,440	21.6	23,214	141,600	23.7	33,814	991	2,624
1958.....	105,900	29.3	31,001	67,450	26.3	17,738	173,350	28.1	48,739	1,361	2,567
1959.....	70,600	34.1	24,089	74,900	31.0	23,218	145,500	32.5	47,307	2,447	2,922
1960.....	80,220	34.1	27,326	107,280	28.7	30,797	187,500	31.0	58,123	2,066	2,830
1961.....	146,850	19.4	28,572	106,700	16.1	17,213	253,550	18.1	45,785	245	3,486
1962.....	39,775	39.0	15,455	35,525	31.0	10,996	75,300	33.2	26,451	2,319	4,157
1963.....	220,550	18.7	41,392	155,850	17.8	27,784	376,400	18.4	69,166	1,674	4,238
1964.....	55,950	27.5	15,388	122,050	20.4	25,002	178,000	22.6	40,390	913	8,424
1965.....	123,050	20.3	24,958	128,050	18.6	19,993	251,100	17.9	44,951	175	5,863
1966.....	83,960	31.7	26,538	77,640	26.0	20,214	161,600	28.9	46,752	20	6,251
1967.....	104,200	37.7	39,239	127,700	30.4	38,786	221,900	33.6	78,025	1,771	3,900
1968.....	94,730	42.3	40,011	97,770	32.8	32,082	192,500	37.5	72,093	1,857	4,620
1969.....	135,300	31.7	42,950	89,800	26.9	24,197	225,100	29.8	67,147	2,159	4,902
1970 <sup>4</sup> .....	78,500	42.3	33,149	70,700	35.7	25,202	149,200	39.2	58,351	-----	-----

<sup>1</sup> Obtained by weighting State prices by quantity sold.<sup>2</sup> Exports of shelled nuts converted to in-the-shell basis at ratio of 1 to 2.5. Imports of shelled nuts converted at ratio of 1 to 2.58. <sup>3</sup> Preliminary.Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 387.Table 382.—Walnuts, Persian (English), (in the shell): Production, season average price per ton, value, and foreign trade, United States, 1954-70<sup>1</sup>

Year	California			Oregon			California and Oregon			Foreign trade, year beginning July <sup>4</sup>	
	Production <sup>2</sup>	Price	Value	Production <sup>2</sup>	Price	Value	Production <sup>2</sup>	Price <sup>3</sup>	Value	Domestic exports	Imports
	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Dollars	1,000 dollars	Tons	Tons
1954.....	67,000	360	24,120	8,100	260	2,106	75,100	350	26,226	5,147	9,509
1955.....	72,000	535	38,960	5,100	470	2,397	77,100	530	42,357	1,800	14,569
1956.....	69,000	442	30,468	2,800	390	1,092	71,800	440	31,590	1,602	5,068
1957.....	61,300	427	26,175	5,300	400	2,120	66,600	425	28,295	2,072	3,950
1958.....	82,200	377	30,989	6,500	380	2,470	88,700	377	33,459	6,358	3,973
1959.....	58,500	483	28,256	4,200	450	1,890	62,700	481	30,146	1,846	6,228
1960.....	70,300	535	37,610	2,500	570	1,425	72,800	536	39,035	1,147	8,495
1961.....	61,200	473	28,948	6,300	410	2,583	67,500	467	31,531	1,226	4,385
1962.....	77,000	469	36,113	2,900	420	1,218	79,900	467	37,331	1,256	5,062
1963.....	79,300	466	36,478	3,800	450	1,710	83,100	460	38,188	1,068	3,634
1964.....	86,100	438	39,434	4,100	430	1,763	90,200	457	41,197	1,778	2,965
1965.....	79,000	432	34,128	1,300	420	546	80,300	432	34,674	5,688	1,711
1966.....	92,000	460	42,320	4,000	400	1,600	96,000	458	43,920	4,816	3,192
1967.....	74,000	560	41,440	2,400	500	1,200	76,400	558	42,640	3,669	4,960
1968.....	92,000	650	59,800	3,600	540	1,944	95,600	646	61,744	2,677	4,053
1969.....	103,000	420	43,260	2,500	364	910	105,500	419	44,170	6,459	3,928
1970 <sup>5</sup> .....	103,000	(*)	51,912	3,800	300	1,140	106,800	(*)	53,052	-----	-----

<sup>1</sup> Production, price, and value for California and Oregon only.<sup>2</sup> Production is the quantity sold or utilized.<sup>3</sup> Obtained by weighting State prices by quantity sold.<sup>4</sup> Shelled nuts converted to in-the-shell basis at ratio of 1 to 2.38.<sup>5</sup> Preliminary.<sup>6</sup> Not available.<sup>7</sup> The 1969 season average price was used in evaluating production.Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 388.



# 264 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

**Table 383.—Tea: Exports from principal producing countries, average 1960-64, annual 1969 and 1970**

Continent and country	Average 1960-64	1969	1970 <sup>1</sup>	Continent and country	Average 1960-64	1969	1970 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
<b>South America:</b>				<b>Asia:</b>			
Argentina.....	14,009	32,260	33,030	Ceylon.....	439,657	443,998	444,000
Brazil.....	2,839	6,188	6,500	China.....			
Peru.....	70	201	200	Mainland <sup>4</sup> .....	71,200	70,000	70,000
<b>Total.....</b>	<b>16,918</b>	<b>38,649</b>	<b>39,700</b>	Taiwan.....	29,944	46,896	49,000
<b>Africa:</b>				India.....	461,828	389,445	440,000
Congo (Kinshasa).....	8,441	11,038	11,000	Indonesia.....	74,138	59,679	75,000
Kenya <sup>2</sup> .....	28,974	72,388	82,000	Japan.....	14,908	3,669	3,500
Mauritius.....	1,340	5,673	6,000	Malaysia <sup>3</sup> .....	4,883	5,673	6,000
Mozambique.....	19,341	34,037	36,713	Pakistan.....	3,846	4	
Malawi <sup>1</sup> .....	27,172	39,611	44,000	Turkey.....	679	18,301	18,000
Tanzania <sup>1</sup> .....	8,282	16,713	16,500	Vietnam, South.....	3,862	412	400
Uganda <sup>1</sup> .....	10,857	34,906	36,000	<b>Total.....</b>	<b>1,104,945</b>	<b>1,038,077</b>	<b>1,105,900</b>
<b>Total.....</b>	<b>104,807</b>	<b>214,366</b>	<b>232,213</b>	<b>Grand total.....</b>	<b>1,226,670</b>	<b>1,291,092</b>	<b>1,377,813</b>

<sup>1</sup> Preliminary.

<sup>2</sup> Excludes trade between Kenya, Uganda, and Tanzania.

<sup>3</sup> Includes Rhodesia.

<sup>4</sup> Estimated.

<sup>5</sup> Malaysia only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

**Table 384.—Tea: United States imports by country of origin, average 1960-64, annual 1969 and 1970**

Continent and country	Average 1960-64	1969	1970 <sup>1</sup>	Continent and country	Average 1960-64	1969	1970 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>				<b>Asia and Oceania—</b>			
Canada.....	1,556	3,975	4,722	Continued			
<b>South America:</b>				India.....	26,623	19,347	15,826
Argentina.....	495	2,519	2,759	Indonesia.....	14,145	20,612	21,401
Brazil.....	735	380	1,540	Japan.....	2,161	2,850	2,818
Other countries.....	51	164	524	Malaysia.....	80	617	940
<b>Total.....</b>	<b>1,281</b>	<b>3,063</b>	<b>4,823</b>	Pakistan.....	45		
<b>Europe:</b>				China (Taiwan).....	6,925	4,721	5,250
Germany, West.....	26	19	353	Other countries.....	64	104	603
Ireland.....	11	15	19	<b>Total.....</b>	<b>101,639</b>	<b>100,266</b>	<b>93,198</b>
Netherlands.....	5,693	6,283	6,296	<b>Africa:</b>			
United Kingdom.....	1,153	587	587	Congo (Kinshasa).....	627	799	821
Other countries.....	10	6	15	East Africa <sup>2</sup> .....	6,820	15,777	18,382
<b>Total.....</b>	<b>6,893</b>	<b>6,910</b>	<b>7,270</b>	Mozambique.....	1,824	2,953	2,399
<b>Asia and Oceania:</b>				Malawi <sup>3</sup> .....	2,032	3,750	5,122
Ceylon.....	51,312	51,822	46,125	South Africa, Republic of.....	52	205	92
Hong Kong.....	284	193	235	Other countries.....	41	263	372
				<b>Total.....</b>	<b>11,396</b>	<b>25,747</b>	<b>27,188</b>
				<b>Grand total.....</b>	<b>122,765</b>	<b>139,961</b>	<b>137,201</b>

<sup>1</sup> Preliminary.

<sup>2</sup> Includes Kenya, Uganda, and Tanzania.

<sup>3</sup> Includes Rhodesia.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## CACAO BEANS

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Table 385.—Cacao beans: Exports from principal producing countries, average 1960-64, annual 1969 and 1970

Continent and country	Average 1960-64	1969	1970 <sup>1</sup>	Continent and country	Average 1960-64	1969	1970 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
North America:				Africa—Continued			
Costa Rica.....	23,227	19,974	13,000	Spanish Africa <sup>4</sup> .....	68,625	68,369	42,067
Dominican Republic.....	46,936	52,522	76,000	Gabon.....	7,218	9,842	10,000
Grenada.....	5,104	6,581	6,000	Ghana.....	838,088	680,388	801,687
Haiti <sup>2</sup> .....	2,070	2,864	1,567	Ivory Coast.....	210,041	262,147	292,645
Jamaica.....	3,391	3,187	3,000	Liberia.....	1,980	4,288	4,300
Mexico.....	18,554	11,715	12,000	Malagasy Republic.....	840	1,206	1,350
Panama.....	2,410	939	900	Nigeria.....	402,377	382,736	431,881
Trinidad and Tobago.....	13,155	8,622	12,500	Sao Tome and Principe.....	21,616	18,303	20,000
Other countries.....	2,909	1,675	2,000	Sierra Leone.....	7,672	9,680	9,500
Total.....	117,756	108,079	126,967	Tanzania.....	46	794	800
South America:				Togo.....	24,595	40,981	43,000
Brazil.....	188,875	263,613	270,000	Total.....	1,764,575	1,654,442	1,839,020
Ecuador.....	71,709	71,429	78,437	Asia and Oceania:			
Surinam.....	487	100	100	Ceylon.....	5,190	2,853	3,000
Venezuela.....	25,212	22,659	25,560	Indonesia.....	254	600	700
Total.....	286,283	357,801	374,097	Malaysia.....	721	4,000	4,000
Africa:				New Guinea.....	26,437	56,458	54,000
Angola.....	712	838	800	New Hebrides.....	1,512	2,000	2,000
Cameroon <sup>3</sup> .....	147,040	162,750	167,000	Western Samoa.....	9,041	8,095	7,750
Comoro Islands.....	88	90	90	Total.....	43,155	74,006	71,450
Congo (Brazzaville).....	1,640	2,634	2,900	Grand total.....	2,211,769	2,194,328	2,411,534
Congo (Kinshasa).....	11,997	9,396	11,000				

<sup>1</sup> Preliminary.<sup>2</sup> Year ending Sept. 30.<sup>3</sup> Includes West Cameroon.<sup>4</sup> Fernando Po and Rio Muni.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 386.—Cacao beans: United States imports by country of origin, average 1960-64, annual 1969 and 1970

Continent and country	Average 1960-64	1969	1970 <sup>1</sup>	Continent and country	Average 1960-64	1969	1970 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
North America:				Africa:			
Costa Rica.....	13,697	12,780	4,175	Cameroon.....	9,830	1,324	2,864
Dominican Republic.....	45,417	51,245	75,969	Ghana.....	229,031	188,627	232,845
Mexico.....	16,251	12,149	12,359	Ivory Coast <sup>2</sup> .....	52,621	36,342	53,843
Panama <sup>3</sup> .....	5,965	4,967	1,185	Nigeria.....	100,251	33,591	39,118
Trinidad and Tobago.....	7,714	4,202	7,783	Portuguese Africa.....	4,153	7	1,213
Other countries.....	4,716	3,800	3,420	Spanish Africa.....	992	7	2,172
Total.....	93,760	89,143	104,891	Other countries.....	1,052	165	44
South America:				Total.....	397,910	260,056	332,099
Brazil.....	90,755	113,696	130,621	Asia and Oceania.....	8,072	6,118	14,549
Ecuador.....	33,243	14,025	32,193	Europe.....	226	246	630
Venezuela.....	12,502	5,101	9,979	Grand total.....	637,870	489,320	625,432
Other countries.....	1,402	935	470				
Total.....	137,902	133,757	173,263				

<sup>1</sup> Preliminary.<sup>2</sup> Includes some Costa Rican cocoa.<sup>3</sup> Includes Togo.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## 266 FRUITS, TREE NUTS, AND HORTICULTURAL SPECIALTIES, 1971

Table 387.—Coffee: United States imports by country of origin, average 1960-64, annual 1969 and 1970

Continent and country	Average 1960-64	1969	1970 <sup>1</sup>	Continent and country	Average 1960-64	1969	1970 <sup>1</sup>
	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>		1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>
North America:				Africa—Continued			
Costa Rica.....	321	271	375	Congo (Kinshasa).....	476	158	174
Dominican Republic.....	397	326	352	Ethiopia.....	732	943	1,070
El Salvador.....	663	596	539	Ivory Coast.....	779	814	1,233
Guatemala.....	917	825	716	Kenya <sup>3</sup> .....	1,290	117	173
Mexico.....	1,186	1,125	982	Tanzania <sup>3</sup> .....		252	282
Nicaragua.....	196	153	128	Uganda <sup>3</sup> .....		1,024	924
Other countries.....	364	363	309	Other countries.....	516	1,388	1,366
Total.....	4,044	3,659	3,401	Total.....	4,926	5,990	6,600
South America:				Asia and Oceania:			
Brazil.....	8,682	5,779	4,712	India.....	33	118	52
Colombia.....	4,060	2,479	2,497	Indonesia.....	261	922	822
Ecuador.....	282	377	600	Other countries.....	24	124	222
Venezuela.....	307	283	253	Total.....	318	1,164	1,096
Other countries.....	494	497	566	Other countries.....	1	5	2
Total.....	13,825	9,415	8,628	Grand total.....	23,114	20,233	19,727
Africa:							
Angola.....	1,133	1,294	1,378				

<sup>1</sup> Preliminary.

<sup>2</sup> Bags of 60 kilos or 132.276 pounds each.

<sup>3</sup> Prior to 1964, included in British East Africa.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 388.—Coffee: Exports from principal producing countries, average 1960-64, annual 1969 and 1970

Continent and country of origin	Average 1960-64	1969	1970 <sup>1</sup>	Continent and country of origin	Average 1960-64	1969	1970 <sup>1</sup>
	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>		1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>	1,000 bags <sup>2</sup>
North America:				Africa—Continued			
Costa Rica.....	872	1,127	1,145	Central Africa Republic.....	131	152	93
Dominican Republic.....	468	447	502	Congo (Kinshasa).....	694	749	800
El Salvador.....	1,637	1,812	1,865	Ethiopia.....	1,035	1,473	1,400
Guatemala.....	1,385	1,501	1,395	Guinea, Republic of.....	182	200	185
Haiti.....	405	283	280	Ivory Coast.....	2,762	2,972	2,890
Honduras.....	278	410	434	Kenya.....	572	850	899
Mexico.....	1,436	1,565	1,490	Malagasy Republic.....	728	826	814
Nicaragua.....	369	442	501	Equatorial Guinea.....	118	120	110
Other countries.....	174	125	100	Tanzania <sup>3</sup> .....	455	825	780
Total.....	7,024	7,712	7,912	Togo.....	162	184	179
South America:				Uganda.....	2,146	3,010	3,262
Brazil.....	16,925	18,690	17,085	Other countries.....	645	939	790
Colombia.....	6,139	6,478	6,509	Total.....	12,385	16,363	16,108
Ecuador.....	476	627	740	Asia and Oceania:			
Peru.....	601	714	790	India.....	402	567	511
Venezuela.....	373	319	275	Indonesia.....	1,017	1,738	1,500
Other countries.....	95	48	66	Malaysia <sup>4</sup> .....	751	750	750
Total.....	24,609	26,876	25,465	Yemen.....	86	19	17
Africa:				Other countries.....	94	373	300
Angola.....	2,125	3,047	2,956	Total.....	2,350	3,447	3,078
Cameroon.....	630	1,016	960	Grand total.....	46,368	54,398	52,663

<sup>1</sup> Preliminary.

<sup>2</sup> Bags of 60 kilos or 132.276 pounds each.

<sup>3</sup> Prior to 1964, shown as Tanganyika; now includes Zanzibar.

<sup>4</sup> Not a major producing country. Exports include coffee produced in neighboring countries.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 389.—Mushrooms: Area, production, price, and value, United States, 1966-69

Year beginning July	Area in production	Production	Price per pound	Value of production		
				Total	Fresh market	Processing
	1,000 sq. ft.	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars
1966.....	80,595	464,915	35.2	58,025	19,520	38,505
1967.....	83,389	180,591	34.1	61,653	21,384	40,269
1968.....	84,704	188,771	35.9	67,842	25,831	42,011
1969.....	82,326	193,824	37.5	72,683	27,982	44,701

Statistical Reporting Service.

Table 390.—Mushrooms: Value of imports, by country, 1961-70

Country	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
China (Taiwan).....	362	3,017	5,611	4,261	5,888	6,728	9,270	10,630	10,210	12,882
Japan.....	1,918	1,758	1,394	1,289	1,590	1,108	1,712	2,582	2,263	2,490
France.....	1,766	1,503	846	879	923	612	510	632	751	746
Korea, Republic of.....		3	3	5	7	23	33	155	327	250
Germany, West.....	157	85	65	51	37	116	126	59	87	219
Ecuador.....			1			( <sup>1</sup> )		14	102	190
Canada.....	1	( <sup>1</sup> )	5	62	63	6	3	( <sup>1</sup> )	1	160
Chile.....	79	95	142	146	103	146	452	210	183	156
Italy.....	18	21	8	20	38	21	51	64	43	111
Mexico.....						34	21	148	171	77
Poland.....			38	14	3	2	23	41	71	
Switzerland.....	88	32	38	23	59	20	43	34	49	60
Total <sup>2</sup> .....	4,501	6,685	8,267	6,895	8,817	8,941	12,342	14,715	14,406	17,521

<sup>1</sup> Less than \$500.<sup>2</sup> Includes small quantities imported from countries not shown.

Economic Research Service.

Table 391.—Flowers: Production and sales, United States, 1966-70

Year	Quantity sold <sup>1</sup>	Wholesale price	Value of sales at wholesale	Quantity sold <sup>1</sup>	Wholesale price	Value of sales at wholesale
	All carnations			Standard chrysanthemums		
	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966.....	531,856	7.1	37,625	183,688	17.4	23,320
1967.....	551,426	7.3	40,174	183,312	18.3	24,416
1968.....	630,145	7.1	44,808	190,869	20.2	26,426
1969.....	693,206	6.9	47,696	136,778	19.6	26,813
1970.....	713,325	6.7	47,750	147,000	18.3	26,925
	Pompon chrysanthemums			All roses		
	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>
1966.....	28,433	78.0	22,158	363,172	11.2	40,730
1967.....	27,560	80.0	22,845	363,144	11.7	42,331
1968.....	30,497	84.0	25,636	408,854	12.0	49,229
1969.....	32,903	83.0	27,195	427,398	12.6	53,858
1970.....	32,431	82.0	26,651	438,275	12.3	53,967
	Gladiol			Potted chrysanthemums		
	<i>1,000 units</i>	<i>Cents</i>	<i>1,000 dollars</i>	<i>1,000 units</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1966.....	28,619	66.0	18,860	11,070	1.43	15,875
1967.....	25,748	69.0	17,753	12,897	1.41	18,176
1968.....	28,080	75.0	21,115	13,403	1.46	19,596
1969.....	27,170	79.0	21,343	14,260	1.54	21,938
1970.....	23,360	80.0	18,725	16,164	1.52	24,598

<sup>1</sup> Blooms for carnations, standard chrysanthemums, and roses; bunches for pompon chrysanthemums; dozen stalks for gladioli; and pots for potted chrysanthemums.

Statistical Reporting Service.

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Table 392.—Carnations, chrysanthemums, gladioli, roses, and foliage plants: Gross wholesale value of sales, in selected States, 1969 and 1970

State	Gross wholesale value of sales <sup>1</sup>											
	Carnations			Chrysanthemums				Gladioli		Roses		Total (4 flowers)
				Standard		Pompon		Potted				Foliage plants <sup>2</sup>
	1969	1970	1,000 dollars	1969	1970	1969	1970	1969	1970	1969	1970	
Massachusetts.....	2,778	2,316	1,044	871	814	483	545	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Connecticut.....	883	779	1,044	871	814	483	545	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
New York:												
Albany.....	375	390	842	815	932	606	781	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Long Island.....	635	603	587	460	540	531	492	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
New York.....	900	1,014	599	492	531	492	531	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Pennsylvania.....	3,064	2,782	1,734	1,824	1,701	1,910	1,902	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Ohio.....	1,578	1,424	2,394	2,610	1,143	1,451	1,656	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Indiana.....	4,000	3,200	1,161	1,165	1,417	1,409	1,626	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Illinois.....	660	461	1,045	938	829	727	1,202	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Michigan.....	169	190	338	335	314	222	184	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Wisconsin.....	353	204	419	230	476	505	597	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Minnesota.....	117	123	203	133	210	144	176	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Missouri.....	421	385	892	745	356	260	739	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Delaware.....	34	20	17	32	37	21	21	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maryland.....	268	260	573	563	285	289	405	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
North Carolina.....	1,064	990	1,254	1,312	815	860	1,410	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Florida.....	( <sup>3</sup> )	( <sup>3</sup> )	1,888	1,863	9,977	8,706	1,977	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Tennessee.....	( <sup>3</sup> )	( <sup>3</sup> )	487	622	341	71	2,192	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Texas.....	7	( <sup>3</sup> )	487	622	341	71	2,192	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Colorado.....	12,546	12,851	170	136	215	108	371	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Virginia.....	60	34	209	191	282	268	750	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Washington.....	107	129	60	74	140	155	498	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Oregon.....	20,566	21,895	9,962	10,590	6,403	2,948	4,124	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
California.....	491	213	26,813	26,925	27,195	26,631	21,638	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Unallocated.....	47,696	47,750	26,813	26,925	27,195	26,631	21,638	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
23 States.....	47,696	47,750	26,813	26,925	27,195	26,631	21,638	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars

<sup>1</sup> Equivalent wholesale value of all sales.

<sup>2</sup> Net value of sales.

<sup>3</sup> Long Island, New York, combined with Upstate New York to avoid disclosure of individual operations.

<sup>4</sup> Unallocated to avoid disclosure of individual operations.

<sup>5</sup> Delaware combined with Maryland to avoid disclosure of individual operations.

<sup>6</sup> Production negligible.

Statistical Reporting Service.



## CHAPTER VI

### STATISTICS OF HAY, SEEDS, AND MINOR FIELD CROPS

Chapter VI deals with hay, pasture, seeds, and various minor field crops. Table 414 shows the seeding rate for a number of specified crops. The State averages are based on surveys made in 1970. The United States average rates are derived by weighting the average for each State by the acreage planted to the particular crop. Rates are not shown for States where the crop is not estimated currently.

**Table 393.—Hay, all: Acreage, yield, production, value, and foreign trade, United States, 1954-70**

Year	Acreage harvested	Yield per acre	Production	Season average price per ton received by farmers <sup>1</sup>	Farm value	Foreign trade, year beginning July	
						Domestic exports	Imports
	1,000 acres	Tons	1,000 tons	Dollars	1,000 dollars	1,000 tons	1,000 tons
1954			<sup>2</sup> 103,198				
1954	73,721	1.46	107,834	21.90	2,372,369	24	30
1955	74,956	1.50	112,807	22.50	2,351,067	41	19
1956	72,292	1.49	107,978	22.20	2,286,388	61	19
1957	71,912	1.67	120,043	19.30	2,211,970	43	74
1958	70,547	1.70	120,100	18.80	2,186,374	42	22
1959			<sup>3</sup> 104,936				
1959	66,266	1.67	110,976	22.30	2,316,729	36	15
1960	67,313	1.76	118,158	21.70	2,409,957	52	10
1961	67,376	1.74	116,957	20.70	2,403,906	131	6
1962	67,563	1.80	121,759	21.80	2,553,386	46	24
1963	66,428	1.77	117,537	24.60	2,716,423	52	23
1964			<sup>4</sup> 113,157				
1964	67,375	1.76	118,778	23.90	2,809,128	119	21
1965	67,684	1.85	125,536	23.20	2,913,418	124	17
1966	65,140	1.86	121,027	25.00	2,892,224	109	6
1967	64,667	1.95	126,300	24.50	2,896,858	104	7
1968	62,693	2.00	125,522	23.60	2,854,573	129	4
1969	62,053	2.06	127,675	24.70	2,984,426	120	7
1970 <sup>5</sup>	63,234	2.02	127,899	26.00	3,101,110		

<sup>1</sup> Price of hay sold baled. Obtained by weighting State prices by quantity sold.

<sup>2</sup> Includes soybean, cowpea, and peanut hay but excludes grass silage made from grasses, alfalfa, clover, or small grains.

<sup>3</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census for conterminous United States. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1866-1953 in *Agricultural Statistics, 1967*, table 395.

Table 394.—Hay: Acreage and production, by kinds, United States, 1954-70

Year	Alfalfa	Clover and timothy	Lespedeza	Soybean <sup>1</sup>	Cowpea <sup>1</sup>	Peanut-vine	Grains cut green for hay	Wild hay	Other hay <sup>2</sup>	All hay
Acreage harvested										
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1954	26,576	17,451	3,433	876	251	1,254	4,720	12,880	6,280	73,721
1955	28,320	16,640	3,848	705	227	1,251	5,614	12,052	6,299	74,956
1956	29,103	14,648	3,809	524	216	961	5,616	11,730	6,685	72,292
1957	29,826	14,649	3,990	444	149	649	4,259	12,060	5,886	71,912
1958	28,941	15,341	4,406	472	107	641	3,517	11,215	5,907	70,547
1959	27,383	14,420	3,296	351	105	443	3,708	10,707	5,853	66,266
1960	27,580	14,564	3,172	440	75	479	3,063	11,581	6,359	67,313
1961	28,265	14,574	2,912	407	75	455	3,536	10,089	7,063	67,376
1962	28,257	14,635	2,492	453	76	440	2,933	11,320	6,957	67,563
1963	28,490	14,053	2,452	511	69	600	2,760	10,414	7,079	66,428
1964	29,384	13,440	2,471	463	52	452	2,942	10,584	7,587	67,375
1965	29,733	13,046	2,317	-----	-----	447	2,784	10,087	9,270	67,684
1966	29,002	13,139	1,788	-----	-----	403	2,966	9,098	8,754	65,140
1967	28,162	13,234	1,673	-----	-----	326	2,506	9,498	9,268	64,667
1968	27,078	13,351	1,482	-----	-----	306	2,666	8,844	8,966	62,693
1969	26,901	13,229	1,480	-----	-----	329	2,930	8,616	8,568	62,053
1970 <sup>3</sup>	27,206	13,403	1,414	-----	-----	300	2,970	8,908	9,033	63,234
Production										
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
1954	56,364	24,806	2,951	913	163	761	5,290	9,935	6,651	107,834
1955	59,101	24,548	4,487	904	206	756	6,256	9,129	7,420	112,807
1956	60,940	21,177	4,092	675	179	607	5,543	8,504	6,261	107,978
1957	68,761	21,941	4,086	574	130	413	5,244	11,038	7,256	120,043
1958	66,522	24,639	5,722	674	100	457	4,405	10,086	7,495	120,100
1959	63,312	22,696	4,026	496	95	284	3,843	8,866	7,338	110,976
1960	67,083	23,883	3,736	631	70	328	3,744	10,605	8,078	118,158
1961	66,946	24,016	3,735	600	70	309	3,961	8,392	8,928	116,957
1962	71,731	22,262	2,885	623	72	296	3,798	11,073	9,019	121,759
1963	70,037	21,387	3,018	717	65	408	3,557	9,263	9,085	117,537
1964	71,304	19,821	3,049	653	50	309	3,872	9,387	10,333	118,778
1965	74,849	20,076	3,006	-----	-----	314	5,945	9,632	13,714	125,536
1966	72,712	21,068	2,242	-----	-----	282	3,900	7,771	13,052	121,027
1967	74,204	22,684	2,514	-----	-----	232	3,672	8,959	14,035	126,300
1968	73,251	23,679	2,073	-----	-----	221	3,861	7,918	14,519	125,522
1969	75,472	23,676	2,106	-----	-----	230	4,241	8,398	13,552	127,675
1970 <sup>3</sup>	74,779	23,881	2,063	-----	-----	231	4,228	8,368	14,349	127,899

<sup>1</sup> Beginning 1965, included in "Other hay."<sup>2</sup> Includes small quantities of kinds of hay in the other columns in some States where they are not of sufficient importance to estimate separately.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 396.

Table 395.—Hay, all: Stocks on farms, United States, 1961-1971

Year	Jan. 1	May 1	Year	Jan. 1	May 1
	1,000 tons	1,000 tons		1,000 tons	1,000 tons
1961	82,352	23,237	1967	84,843	21,932
1962	80,599	18,021	1968	89,119	25,158
1963	85,193	23,114	1969	90,406	23,873
1964	82,628	19,809	1970	90,328	24,302
1965	79,076	16,567	1971 <sup>1</sup>	88,117	22,345
1966	88,524	22,697			

<sup>1</sup> Preliminary.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 402.

Table 396.—Hay, all: Acreage, yield, production, and season average price per ton received by farmers, by States, 1968-70

State and division	Acreage harvested			Production			Price <sup>1</sup> for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	Dollars	Dollars	Dollars
Maine.....	306	294	250	436	419	408	25.00	26.50	33.00
New Hampshire.....	134	128	124	206	200	204	27.50	30.50	37.00
Vermont.....	545	512	506	960	938	904	25.00	28.00	36.00
Massachusetts.....	143	133	126	263	246	239	33.50	35.00	39.00
Rhode Island.....	13	13	13	26	27	25	36.00	39.00	43.00
Connecticut.....	116	104	102	220	207	203	35.50	37.50	41.00
New York.....	2,632	2,590	2,652	5,504	5,523	5,798	23.50	26.00	28.50
New Jersey.....	145	136	136	332	326	331	33.50	35.50	41.50
Pennsylvania.....	1,970	1,969	2,019	4,085	4,147	4,396	27.50	29.00	30.00
North Atlantic.....	6,004	5,879	5,968	12,032	12,033	12,508			
Ohio.....	1,646	1,481	1,460	3,400	2,907	2,913	24.50	24.50	24.50
Indiana.....	984	956	932	2,228	2,204	2,204	24.50	24.50	24.50
Illinois.....	1,305	1,243	1,260	3,554	3,337	3,378	22.50	23.50	24.50
Michigan.....	1,591	1,485	1,425	3,379	3,207	3,260	22.50	22.00	22.00
Wisconsin.....	4,049	4,022	4,016	10,753	10,949	10,601	18.00	18.00	18.00
Minnesota.....	3,355	3,336	3,221	7,731	8,401	8,155	20.50	20.50	19.50
Iowa.....	2,597	2,557	2,502	7,196	7,344	6,910	20.00	20.00	20.00
Missouri.....	2,869	2,838	3,008	5,706	5,620	5,535	21.00	22.00	23.00
North Dakota.....	3,420	3,296	3,400	3,880	4,061	4,414	15.50	15.50	15.00
South Dakota.....	4,425	4,312	4,555	5,127	5,519	5,795	19.50	19.00	18.00
Nebraska.....	4,297	4,328	4,418	6,054	6,951	6,237	22.00	20.50	21.00
Kansas.....	2,403	2,387	2,384	4,721	5,113	4,102	21.00	21.00	23.50
North Central.....	32,942	32,241	32,591	63,759	65,638	63,504			
Delaware.....	36	37	35	69	82	76	34.50	36.50	35.50
Maryland.....	319	328	328	674	665	735	32.00	33.00	32.50
Virginia.....	1,052	1,045	1,054	1,862	1,750	1,778	33.00	34.00	35.50
West Virginia.....	602	596	595	912	890	873	30.50	30.50	32.00
North Carolina.....	447	415	410	605	616	602	31.00	33.00	35.00
South Carolina.....	234	230	218	366	383	378	30.50	30.50	30.50
Georgia.....	435	439	416	781	915	863	29.00	30.50	30.50
Florida.....	163	163	166	288	302	286	32.50	33.00	31.00
South Atlantic.....	3,288	3,253	3,222	5,557	5,603	5,591			
Kentucky.....	1,613	1,607	1,585	2,943	3,117	3,059	27.00	28.00	29.00
Tennessee.....	1,256	1,325	1,337	1,799	1,971	2,036	28.50	29.00	29.00
Alabama.....	485	492	494	701	764	791	28.00	28.00	28.50
Mississippi.....	625	619	642	1,162	996	1,061	24.00	25.50	25.50
Arkansas.....	755	705	788	1,358	1,125	1,348	23.00	22.50	23.00
Louisiana.....	318	300	298	607	491	606	23.00	25.50	25.00
Oklahoma.....	1,598	1,654	1,737	3,001	3,018	2,806	21.50	23.00	27.50
Texas.....	2,376	1,976	2,210	4,587	3,451	4,037	23.50	25.50	26.50
South Central.....	9,026	8,678	9,091	16,158	14,933	15,744			
Montana.....	2,193	2,419	2,495	3,585	3,882	4,112	22.50	24.00	22.50
Idaho.....	1,292	1,339	1,398	3,397	3,761	3,957	20.00	21.50	22.00
Wyoming.....	1,178	1,147	1,213	1,680	1,679	1,853	20.00	24.00	24.00
Colorado.....	1,558	1,662	1,723	2,942	3,321	3,364	27.00	25.50	25.00
New Mexico.....	273	293	300	1,049	1,063	1,044	26.50	27.00	31.00
Arizona.....	239	224	243	1,174	1,096	1,318	24.00	28.00	31.50
Utah.....	581	577	579	1,472	1,555	1,592	22.00	24.00	25.00
Nevada.....	356	426	448	862	834	823	23.50	26.00	26.50
Washington.....	882	930	927	2,168	2,378	2,335	26.00	26.00	25.50
Oregon.....	1,017	1,141	1,129	2,013	2,355	2,369	25.50	26.00	25.50
California.....	1,864	1,842	1,907	7,874	7,496	7,774	25.00	27.50	30.00
Western.....	11,433	12,002	12,362	28,016	29,468	30,552			
United States.....	62,693	62,053	63,234	125,522	127,675	127,899	23.60	24.70	26.00

<sup>1</sup> Preliminary.<sup>2</sup> Price of hay sold baled.

Statistical Reporting Service.

Table 397.—Hay—alfalfa and alfalfa mixtures: clover, timothy, and mixtures of clover and grasses; wild; and lespedeza: Acreage and production, by States, 1968-70

State and division	Alfalfa and alfalfa mixtures						Clover, timothy, and mixtures of clover and grasses <sup>1</sup>					
	Acreage harvested			Production			Acreage harvested			Production		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons
Maine.....	21	18	16	39	32	26	229	229	231	332	332	335
New Hampshire.....	22	20	21	47	45	50	84	84	83	126	126	129
Vermont.....	144	134	133	302	302	293	327	311	311	556	544	529
Massachusetts.....	31	31	31	67	71	73	94	86	82	169	151	148
Rhode Island.....	3	3	3	7	7	7	9	9	9	18	18	17
Connecticut.....	28	26	25	70	68	64	66	56	56	116	104	106
New York.....	1,108	1,075	1,140	2,715	2,741	2,964	1,153	1,165	1,153	2,191	2,214	2,248
New Jersey.....	64	60	62	186	186	195	39	36	35	109	109	101
Pennsylvania.....	737	752	775	1,879	2,030	2,170	1,098	1,087	1,109	1,978	1,902	1,996
North Atlantic.....	2,158	2,119	2,206	5,312	5,482	5,842	3,119	3,083	3,087	5,593	5,500	5,609
Ohio.....	470	390	390	1,175	897	995	1,138	1,058	1,037	2,162	1,957	1,867
Indiana.....	474	460	451	1,327	1,311	1,308	405	385	400	749	732	760
Illinois.....	782	766	751	2,542	2,451	2,403	431	383	421	862	728	842
Michigan.....	1,218	1,108	1,075	2,801	2,604	2,688	329	342	311	510	547	513
Wisconsin.....	2,988	2,958	2,958	8,516	8,578	8,282	848	848	840	1,908	1,993	1,932
Minnesota.....	2,262	2,285	2,194	6,220	6,741	6,472	603	597	597	874	1,015	1,015
Iowa.....	1,817	1,817	1,762	5,542	5,814	5,374	630	599	599	1,354	1,288	1,258
Missouri.....	800	800	784	2,480	2,400	2,117	1,235	1,235	1,334	2,038	2,100	2,201
North Dakota.....	1,256	1,256	1,344	1,821	1,947	2,285	.....	.....	.....	.....	.....	.....
South Dakota.....	2,174	2,239	2,339	3,261	3,694	3,859	.....	.....	.....	.....	.....	.....
Nebraska.....	1,741	1,741	1,793	4,178	4,701	4,124	42	42	50	59	67	65
Kansas.....	1,148	1,125	1,125	2,985	3,263	2,588	67	64	58	111	128	96
North Central.....	17,130	16,945	16,966	42,848	44,401	42,495	5,728	5,553	5,647	10,627	10,555	10,549
Delaware.....	7	7	7	20	22	22	18	18	17	32	40	37
Maryland.....	68	67	70	211	221	231	213	217	216	405	380	443
Virginia.....	84	90	91	210	225	228	583	589	595	1,079	1,001	1,012
West Virginia.....	76	75	84	148	158	193	398	390	382	597	585	535
North Carolina.....	9	9	9	21	22	22	182	178	185	255	267	268
Georgia.....	6	5	5	12	10	10	.....	.....	.....	.....	.....	.....
South Atlantic.....	250	253	266	622	658	706	1,394	1,392	1,395	2,368	2,273	2,295
Kentucky.....	212	197	189	562	611	624	786	778	778	1,415	1,478	1,400
Tennessee.....	60	54	58	138	127	142	597	663	696	896	1,028	1,079
Alabama.....	5	4	4	9	7	8	46	46	44	58	60	55
Mississippi.....	9	8	8	20	18	22	130	134	130	214	188	247
Arkansas.....	63	50	50	195	143	165	145	146	164	246	226	234
Louisiana.....	20	17	16	52	29	44	.....	.....	.....	.....	.....	.....
Oklahoma.....	570	581	575	1,568	1,569	1,351	.....	.....	.....	.....	.....	.....
Texas.....	220	198	202	770	673	646	.....	.....	.....	.....	.....	.....
South Central.....	1,159	1,109	1,102	3,314	3,177	3,002	1,704	1,767	1,812	2,829	2,980	3,035
Montana.....	1,107	1,118	1,162	2,269	2,292	2,498	284	284	278	469	454	450
Idaho.....	994	1,044	1,100	2,982	3,341	3,520	132	125	130	185	194	202
Wyoming.....	475	480	490	1,045	1,056	1,127	173	164	169	190	189	194
Colorado.....	750	780	804	1,912	2,145	2,171	234	262	288	363	432	446
New Mexico.....	203	211	217	954	950	933	17	17	21	28	25	27
Arizona.....	202	188	205	1,091	1,015	1,230	.....	.....	.....	.....	.....	.....
Utah.....	450	446	450	1,282	1,360	1,395	48	48	47	79	79	82
Nevada.....	159	162	167	469	551	534	50	51	49	60	66	71
Washington.....	508	513	523	1,499	1,642	1,647	228	233	230	456	466	449
Oregon.....	381	404	396	1,086	1,192	1,228	240	250	250	432	463	463
California.....	1,152	1,129	1,152	6,566	6,210	6,451	.....	.....	.....	.....	.....	.....
Western.....	6,381	6,475	6,666	21,155	21,754	22,734	1,406	1,431	1,462	2,262	2,368	2,393
United States.....	27,478	26,901	27,206	73,251	75,472	74,779	13,351	13,229	13,403	23,679	23,676	23,881

See footnotes at end of table.

Table 397.—Hay—alfalfa and alfalfa mixtures; clover, timothy, and mixtures of clover and grasses; wild; and lespedeza: Acreage and production, by States, 1968-70—Continued

State and division	Wild hay <sup>1</sup>						Lespedeza hay								
	Acreage harvested			Production			Acreage harvested			Production					
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 acres	1,000 acres	1,000 acres	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons
Indiana.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Illinois.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Minnesota.....	376	361	350	470	487	525	.....	.....	.....	.....	.....	.....	.....	.....	.....
Missouri.....	.....	.....	.....	.....	.....	.....	201	209	190	291	293	257	.....	.....	.....
North Dakota.....	1,449	1,304	1,317	1,304	1,239	1,251	.....	.....	.....	.....	.....	.....	.....	.....	.....
South Dakota.....	1,542	1,603	1,763	1,382	1,282	1,410	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nebraska.....	2,239	2,239	2,284	1,455	1,679	1,599	.....	.....	.....	.....	.....	.....	.....	.....	.....
Kansas.....	749	719	741	936	935	778	22	22	24	36	34	30	.....	.....	.....
North Central.....	6,655	6,226	6,455	5,547	5,622	5,563	262	278	249	382	396	338	.....	.....	.....
Delaware.....	.....	.....	.....	.....	.....	.....	5	6	5	8	10	8	.....	.....	.....
Maryland.....	.....	.....	.....	.....	.....	.....	11	16	12	15	22	16	.....	.....	.....
Virginia.....	.....	.....	.....	.....	.....	.....	57	58	55	77	87	77	.....	.....	.....
West Virginia.....	.....	.....	.....	.....	.....	.....	6	6	6	7	7	8	.....	.....	.....
North Carolina.....	.....	.....	.....	.....	.....	.....	57	46	42	68	62	55	.....	.....	.....
South Carolina.....	.....	.....	.....	.....	.....	.....	25	23	21	26	26	23	.....	.....	.....
Georgia.....	.....	.....	.....	.....	.....	.....	31	30	28	37	39	35	.....	.....	.....
South Atlantic.....	.....	.....	.....	.....	.....	.....	192	185	169	238	253	222	.....	.....	.....
Kentucky.....	.....	.....	.....	.....	.....	.....	350	360	353	542	576	582	.....	.....	.....
Tennessee.....	.....	.....	.....	.....	.....	.....	296	305	305	340	381	412	.....	.....	.....
Alabama.....	.....	.....	.....	.....	.....	.....	58	58	55	67	75	72	.....	.....	.....
Mississippi.....	.....	.....	.....	.....	.....	.....	90	81	75	130	117	105	.....	.....	.....
Arkansas.....	.....	.....	.....	.....	.....	.....	141	127	131	233	184	223	.....	.....	.....
Louisiana.....	.....	.....	.....	.....	.....	.....	13	10	9	21	14	14	.....	.....	.....
Oklahoma.....	353	371	375	441	464	431	80	76	68	120	110	95	.....	.....	.....
South Central.....	353	371	375	441	464	431	1,028	1,017	996	1,453	1,457	1,503	.....	.....	.....
Montana.....	480	532	552	504	580	607	.....	.....	.....	.....	.....	.....	.....	.....	.....
Idaho.....	103	100	98	134	115	123	.....	.....	.....	.....	.....	.....	.....	.....	.....
Wyoming.....	381	358	387	324	322	387	.....	.....	.....	.....	.....	.....	.....	.....	.....
Colorado.....	283	280	315	297	322	378	.....	.....	.....	.....	.....	.....	.....	.....	.....
New Mexico.....	20	25	22	23	24	20	.....	.....	.....	.....	.....	.....	.....	.....	.....
Utah.....	64	64	62	83	86	84	.....	.....	.....	.....	.....	.....	.....	.....	.....
Nevada.....	131	203	220	111	244	209	.....	.....	.....	.....	.....	.....	.....	.....	.....
Washington.....	50	50	50	68	68	68	.....	.....	.....	.....	.....	.....	.....	.....	.....
Oregon.....	234	295	280	260	413	378	.....	.....	.....	.....	.....	.....	.....	.....	.....
California.....	90	92	92	117	138	120	.....	.....	.....	.....	.....	.....	.....	.....	.....
Western.....	1,836	2,019	2,078	1,930	2,312	2,374	.....	.....	.....	.....	.....	.....	.....	.....	.....
United States.....	8,844	8,616	8,908	7,918	8,398	8,368	1,482	1,480	1,414	2,073	2,106	2,063	.....	.....	.....

<sup>1</sup> Preliminary.<sup>2</sup> Excludes sweetclover and lespedeza hay.<sup>3</sup> Includes prairie, marsh, and salt grass hays.

Statistical Reporting Service.

Table 398.—Hay, all: Production and farm disposition, United States, 1961-70

Year	Production	Farm disposition		Year	Production	Farm disposition	
		Kept on farms	Sold			Kept on farms	Sold
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
1961.....	116,957	97,891	19,066	1966.....	121,027	98,803	22,224
1962.....	121,789	102,806	19,283	1967.....	126,300	103,155	23,145
1963.....	117,537	96,979	20,558	1968.....	125,322	102,028	23,494
1964.....	118,778	96,747	22,031	1969.....	127,675	103,891	23,784
1965.....	125,536	102,480	23,086	1970 <sup>1</sup> .....	127,899	103,110	24,789

<sup>1</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1944-60 in *Agricultural Statistics, 1967*, table 399.

Table 399.—Hay, all: Production and farm disposition, by States, crop of 1970 (preliminary)

State	Production	Farm disposition		State	Production	Farm disposition	
		Kept on farms	Sold			Kept on farms	Sold
	1,000 tons	1,000 tons	1,000 tons		1,000 tons	1,000 tons	1,000 tons
Maine.....	408	345	63	North Carolina.....	802	542	60
New Hampshire.....	204	178	26	South Carolina.....	378	324	54
Vermont.....	904	845	59	Georgia.....	863	716	147
Massachusetts.....	239	201	38	Florida.....	286	243	43
Rhode Island.....	25	22	3	Kentucky.....	3,059	2,848	211
Connecticut.....	203	168	35	Tennessee.....	2,036	1,863	173
New York.....	5,798	5,334	464	Alabama.....	791	672	119
New Jersey.....	331	212	119	Mississippi.....	1,061	934	127
Pennsylvania.....	4,396	3,737	659	Arkansas.....	1,348	1,146	202
Ohio.....	2,913	2,389	524	Louisiana.....	606	509	97
Indiana.....	2,204	1,840	364	Oklahoma.....	2,806	2,133	673
Illinois.....	3,378	3,023	355	Texas.....	4,037	3,149	888
Michigan.....	3,260	2,820	440	Montana.....	4,112	3,557	555
Wisconsin.....	10,601	9,753	848	Idaho.....	3,967	2,770	1,187
Minnesota.....	8,155	7,095	1,060	Wyoming.....	1,853	1,631	222
Iowa.....	6,910	6,247	663	Colorado.....	3,364	2,153	1,211
Missouri.....	5,535	4,926	609	New Mexico.....	1,044	418	626
North Dakota.....	4,414	4,039	375	Arizona.....	1,318	343	975
South Dakota.....	5,795	5,369	426	Utah.....	1,562	1,178	414
Nebraska.....	6,237	5,301	636	Nevada.....	834	667	267
Kansas.....	4,102	3,118	984	Washington.....	2,335	1,308	1,027
Delaware.....	76	59	17	Oregon.....	2,369	1,848	521
Maryland.....	738	654	81	California.....	7,774	2,177	5,597
Virginia.....	1,778	1,565	213				
West Virginia.....	673	821	52	United States.....	127,899	103,110	24,789

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.



Table 400.—Hay: Season average price per ton, United States and specified markets, 1961-70

Year beginning May	Prices received by farmers for baled hay, United States				Price of alfalfa hay, baled	
	All hay <sup>1</sup>	Alfalfa <sup>2</sup>	Mixed clover and timothy <sup>2</sup>	Wild <sup>2</sup>	Kansas City <sup>3</sup>	Los Angeles <sup>4</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1961.....	20.60	21.00	20.50	16.60	26.65	28.70
1962.....	21.60	21.40	23.30	14.80	28.75	34.70
1963.....	24.60	23.50	24.70	16.50	25.45	39.00
1964.....	23.80	24.00	25.20	18.30	25.60	33.00
1965.....	23.10	24.00	25.80	17.50	24.20	33.25
1966.....	25.00	24.70	24.90	19.40	29.20	38.30
1967.....	24.50	23.60	23.60	18.10	25.60	38.60
1968.....	23.60	23.00	23.50	18.60	27.50	34.75
1969.....	24.70	23.90	24.30	18.60	29.00	38.50
1970 <sup>5</sup> .....	26.00	24.70	24.50	18.80	32.50	39.60

<sup>1</sup> Obtained by weighting State prices by quantity sold.<sup>2</sup> United States midmonth prices weighted by monthly marketings.<sup>3</sup> Simple average of weekly quotations for 12-month period beginning in July for comparable U.S. No. 2 or better grade.<sup>4</sup> Simple average of weekly quotations for 12-month period beginning in April for comparable U.S. No. 1 grade.<sup>5</sup> Preliminary.Statistical Reporting Service and Consumer and Marketing Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 401.Table 401.—Pasture and range: Condition, <sup>1</sup> first of month, United States, 1954-70

Year	Pasture						Range <sup>1</sup>					
	May	June	July	August	September	October	May	June	July	August	September	October
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1954.....	80	80	78	59	64	63	75	80	77	71	72	70
1955.....	79	78	83	76	68	66	67	76	80	79	78	77
1956.....	68	72	71	70	68	61	70	75	72	69	67	63
1957.....	85	88	90	82	74	80	77	85	87	83	81	82
1958.....	89	88	88	89	86	86	86	86	86	83	81	84
1959.....	81	87	83	78	78	76	77	81	81	79	79	79
1960.....	85	87	87	82	81	78	79	82	82	80	79	77
1961.....	83	84	85	84	83	83	76	79	80	79	78	79
1962.....	83	78	84	80	72	79	79	80	85	83	79	81
1963.....	78	76	77	71	72	71	76	79	81	77	76	79
1964.....	83	80	78	69	65	69	74	76	80	74	75	77
1965.....	80	82	84	78	77	84	77	83	87	83	82	82
1966.....	83	82	79	66	75	78	78	77	77	75	78	80
1967.....	81	76	86	85	78	78	74	79	83	83	80	82
1968.....	85	86	87	82	81	82	79	82	84	81	81	81
1969.....	87	90	86	82	77	79	82	85	84	82	78	80
1970.....	86	85	85	75	75	81	78	82	83	79	75	79

<sup>1</sup> Reported in terms of percentage of normal.<sup>2</sup> Includes the western geographic division and range areas of North Dakota, South Dakota, Nebraska, Kansas, Oklahoma, and Texas.Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 403.

## FOOTNOTES FOR TABLE 404

<sup>1</sup> Obtained by weighting State prices by quantity sold.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 406.

Table 402.—Pasture: Condition, <sup>1</sup> June 1 and Sept. 1, by States, average 1959–68, annual 1969 and 1970 <sup>2</sup>

State and division	Condition June 1			Condition Sept. 1			State and division	Condition June 1			Condition Sept. 1		
	Average 1959–68	1969	1970	Average 1959–68	1969	1970		Average 1959–68	1969	1970	Average 1959–68	1969	1970
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent		Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
Maine.....	87	87	89	80	88	72	South Carolina.....	78	86	78	78	87	81
New Hampshire.....	86	87	91	77	87	70	Georgia.....	78	87	80	82	82	87
Vermont.....	87	90	95	80	87	71	Florida.....	67	84	65	87	90	88
Massachusetts.....	84	88	91	72	84	72	South Atlantic.....	81	86	80	78	90	87
Rhode Island.....	87	88	92	71	91	70	Kentucky.....	88	95	95	81	87	88
Connecticut.....	84	88	90	75	86	57	Tennessee.....	85	89	89	80	71	85
New York.....	85	91	94	74	87	79	Alabama.....	78	91	75	81	79	88
New Jersey.....	80	87	89	65	88	74	Mississippi.....	79	88	81	80	72	91
Pennsylvania.....	84	90	93	65	90	88	Arkansas.....	82	90	82	74	69	75
North Atlantic.....	84	90	93	72	88	80	Louisiana.....	74	87	82	80	71	85
Ohio.....	88	93	94	76	88	83	Oklahoma.....	78	95	76	76	71	48
Indiana.....	91	94	95	80	90	87	Texas.....	74	90	78	70	55	54
Illinois.....	90	93	95	79	86	85	South Central.....	78	91	82	75	69	72
Michigan.....	89	92	93	80	76	79	Montana.....	81	81	90	78	83	87
Wisconsin.....	86	92	95	76	64	57	Idaho.....	86	92	88	84	87	90
Minnesota.....	85	91	88	75	62	61	Wyoming.....	80	74	83	79	74	87
Iowa.....	88	93	92	83	87	81	Colorado.....	71	86	83	76	83	79
Missouri.....	84	92	92	72	73	69	New Mexico.....	62	85	70	78	80	75
North Dakota.....	78	79	80	71	73	69	Arizona.....	84	84	80	85	86	85
South Dakota.....	77	85	87	68	88	54	Utah.....	81	84	79	79	91	88
Nebraska.....	78	88	86	77	75	88	Nevada.....	79	97	92	84	96	92
Kansas.....	74	95	85	78	85	54	Washington.....	86	91	86	79	81	75
North Central.....	84	92	91	77	77	71	Oregon.....	87	95	87	79	83	73
Delaware.....	80	90	95	66	95	86	California.....	80	92	72	78	88	78
Maryland.....	81	85	90	67	90	85	Western.....	78	88	82	79	85	82
Virginia.....	84	85	95	76	97	89	United States.....	82	90	85	76	77	75
West Virginia.....	80	85	84	76	93	87							
North Carolina.....	83	89	90	84	90	91							

<sup>1</sup> Reported in terms of percentage of normal.<sup>2</sup> For range States, relates largely to farm pasture—that is, condition of ranges is not included.

Statistical Reporting Service.

Table 403.—Field seeds: Production of clean seed, United States, 1954–70

Year	White clover	Ladino clover	Red-top <sup>1</sup>	Orchard-grass	Kentucky blue-grass <sup>2</sup>	Sudan-grass <sup>3</sup>	Smooth bromegrass <sup>1</sup>	Crested wheat-grass <sup>1</sup>	Chewings fescue	Red fescue	Tall fescue	Bent-grass
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1954.....	2,362	3,717	3,072	6,425	19,500	42,325	14,763	1,438	6,800	4,692	29,470	3,339
1955.....	4,827	4,828	4,240	10,240	23,450	88,970	6,732	2,190	7,960	2,072	28,647	4,600
1956.....	4,651	5,950	5,840	10,350	9,163	54,975	6,118	2,761	5,100	2,056	25,140	5,670
1957.....	6,317	2,906	3,375	15,980	24,550	104,705	35,172	10,360	7,800	3,160	26,124	8,020
1958.....	3,353	4,235	3,155	16,130	28,610	34,168	8,885	1,925	5,880	2,706	30,558	6,152
1959.....	4,879	4,356	5,485	9,980	3,550	43,338	4,943	2,795	10,560	5,679	28,594	6,765
1960.....	4,014	4,455	5,020	13,320	29,400	47,526	13,115	2,547	11,000	5,758	40,780	5,092
1961.....	5,956	5,204	4,240	13,020	5,560	65,869	12,880	2,015	7,500	4,878	36,984	5,897
1962.....	3,784	5,642	3,330	15,865	9,300	61,495	4,173	3,330	9,000	5,078	31,299	6,254
1963.....	7,528	6,205	2,630	8,680	14,058	58,556	5,745	2,099	6,290	3,810	46,910	7,918
1964.....	5,602	5,120	3,240	14,940	10,238	40,305	13,194	1,536	7,920	5,310	61,941	9,673
1965.....	4,026	4,930	-----	13,490	22,832	-----	-----	-----	6,290	6,014	36,714	7,746
1966.....	3,640	4,205	-----	10,010	30,247	-----	-----	-----	7,175	6,918	79,070	8,253
1967.....	2,164	3,900	-----	6,880	34,651	-----	-----	-----	7,350	8,893	49,890	7,868
1968.....	840	3,688	-----	6,510	33,465	-----	-----	-----	5,760	6,578	36,217	6,176
1969.....	1,892	5,040	-----	8,500	32,689	-----	-----	-----	7,425	6,348	64,803	5,413
1970 <sup>4</sup> .....	1,619	4,703	-----	9,425	34,018	-----	-----	-----	7,095	6,510	60,220	6,847

<sup>1</sup> Beginning 1965, estimates discontinued. <sup>2</sup> Does not include Pacific Northwest prior to 1963. <sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1929–53 in *Agricultural Statistics, 1967*, table 405.

**Table 404.—Field seeds—alfalfa, timothy, red clover, sweetclover, and lespedeza: Acreage, yield, production, season average price per 100 pounds received by farmers, and value, United States, 1954-70**

Year	Acreage harvested	Yield per acre	Production (clean seed)	Price <sup>1</sup>	Farm value	Year	Acreage harvested	Yield per acre	Production (clean seed)	Price <sup>1</sup>	Farm value
Alfalfa seed											
	<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	1,048,500	156	163,949	33.50	54,749	1963.....	937,000	170	159,196	31.00	49,196
1955.....	1,392,500	153	212,390	20.60	43,531	1964.....	965,500	201	140,142	31.30	43,607
1956.....	921,500	180	165,840	30.90	51,008	1965.....	610,000	197	120,337	33.00	39,480
1957.....	890,800	181	161,050	24.70	39,759	1966.....	582,800	202	117,984	35.50	41,629
1958.....	844,700	179	151,100	27.30	41,139	1967.....	472,500	240	113,419	41.10	46,454
1959.....	723,800	175	126,594	29.50	37,063	1968.....	550,000	211	115,843	37.80	43,650
1960.....	712,400	192	136,658	27.50	37,346	1969.....	497,000	208	103,505	37.40	38,595
1961.....	634,800	198	125,909	33.80	42,368	1970 <sup>1</sup> .....	637,100	221	140,935	35.40	49,717
1962.....	608,100	197	119,868	41.10	49,085						
Timothy seed											
	<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	251,000	149	37,435	17.10	6,419	1963.....	161,000	130	20,998	18.60	3,877
1955.....	318,500	157	49,952	8.48	4,251	1964.....	202,500	145	29,313	15.50	4,549
1956.....	206,500	135	27,805	15.50	4,300	1965.....	196,500	168	33,082	14.50	4,811
1957.....	277,000	148	40,860	8.08	3,311	1966.....	221,500	158	35,036	9.00	3,168
1958.....	191,500	134	25,090	13.20	3,388	1967.....	181,500	158	28,610	8.84	1,662
1959.....	317,500	148	47,143	10.70	5,054	1968.....	134,500	150	20,218	8.69	1,769
1960.....	288,000	160	45,975	5.71	2,633	1969.....	164,000	178	29,190	8.44	2,477
1961.....	164,000	148	24,317	7.33	1,785	1970 <sup>1</sup> .....	132,000	168	25,560	7.18	1,838
1962.....	166,500	141	21,998	10.40	2,278						
Red clover seed											
	<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	900,130	62	55,827	45.30	24,886	1963.....	895,800	84	75,132	32.70	24,294
1955.....	1,319,000	62	81,402	29.80	24,201	1964.....	837,200	96	80,755	24.20	19,197
1956.....	1,003,000	77	77,627	33.80	26,100	1965.....	649,800	100	64,832	23.20	14,774
1957.....	966,200	76	73,046	26.70	19,420	1966.....	684,600	94	64,119	22.90	14,551
1958.....	1,054,200	70	73,463	31.70	23,016	1967.....	499,000	90	45,085	26.50	11,719
1959.....	1,160,600	76	88,378	26.10	12,804	1968.....	498,000	83	41,320	30.80	12,550
1960.....	1,028,100	87	89,509	21.20	18,888	1969.....	466,600	97	45,269	35.30	15,829
1961.....	822,700	80	65,094	27.70	17,878	1970 <sup>1</sup> .....	496,300	97	48,115	31.60	14,954
1962.....	903,800	78	70,819	32.10	22,447						
Sweetclover seed											
	<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	266,100	171	45,505	11.00	5,030	1963.....	137,200	200	27,507	10.90	2,984
1955.....	254,300	190	48,292	9.52	4,603	1964.....	120,800	203	24,575	6.93	1,694
1956.....	220,000	166	36,570	9.38	3,436	1965.....	77,600	222	17,206	7.10	1,219
1957.....	187,600	164	30,705	7.64	2,381	1966.....	73,000	211	15,437	6.90	1,059
1958.....	149,100	174	25,991	8.32	2,189	1967.....	57,400	224	12,841	6.34	819
1959.....	136,400	202	27,462	8.71	2,420	1968.....	45,800	204	9,357	8.46	783
1960.....	130,500	211	27,499	6.41	1,738	1969.....	65,000	218	14,155	9.02	1,285
1961.....	93,500	193	18,067	10.30	1,855	1970 <sup>1</sup> .....	63,800	199	12,640	7.81	994
1962.....	110,500	185	20,395	12.70	2,577						
Lespedeza seed											
	<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>		<i>Acres</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	561,500	161	90,545	19.20	17,685	1963.....	299,500	198	37,255	16.60	6,148
1955.....	833,500	203	169,370	7.49	13,054	1964.....	283,500	196	55,600	14.80	8,236
1956.....	670,000	195	130,660	10.10	13,420	1965.....	299,500	226	67,687	11.70	7,958
1957.....	608,000	209	127,350	7.87	10,234	1966.....	239,500	217	52,035	14.30	7,462
1958.....	595,000	223	132,755	7.79	10,618	1967.....	197,200	193	38,032	15.10	5,762
1959.....	493,000	222	109,450	9.64	10,609	1968.....	172,000	222	38,260	16.40	6,265
1960.....	300,000	202	72,735	12.70	9,352	1969.....	183,000	242	44,355	15.60	6,887
1961.....	395,000	206	81,270	14.10	11,624	1970 <sup>1</sup> .....	161,000	224	36,140	14.30	5,151
1962.....	321,500	229	73,525	14.60	10,822						

See footnotes on page 276.

Table 405.—Field seeds—alfalfa, timothy, red clover, sweetclover and lespedeza: Acreage, yield, production, and season average price per 100 pounds received by farmers, by States, 1968-70

State	Acreage harvested			Yield per acre			Production (clean seed)			Price for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
Alfalfa seed												
	Acreage	Acreage	Acreage	Lb.	Lb.	Lb.	1,000 lb.	1,000 lb.	1,000 lb.	Dollars	Dollars	Dollars
Ohio <sup>1</sup>	500			55			28			30.00		
Michigan	4,500	3,500	3,500	50	100	60	225	350	210	30.00	32.00	33.00
Wisconsin	5,000	4,000	4,000	50	60	50	250	240	200	30.00	30.00	29.00
Minnesota	8,000	9,000	9,000	80	100	80	640	900	720	34.00	29.00	29.00
North Dakota	8,000	9,000	18,000	45	40	50	360	360	900	31.00	31.50	27.00
South Dakota	85,000	51,000	102,000	62	55	75	5,270	2,805	7,650	32.20	29.60	27.50
Nebraska	32,000	28,000	33,000	65	65	70	2,080	1,820	2,310	30.80	30.00	28.50
Kansas	50,000	60,000	106,000	80	95	100	4,000	5,700	10,800	31.70	31.60	28.00
Oklahoma	62,000	60,000	53,000	125	135	150	7,750	8,100	7,950	31.50	28.30	30.00
Texas	8,000	7,500	8,500	130	170	170	1,040	1,275	1,445	34.00	34.00	32.00
Montana	31,000	21,000	50,000	65	90	110	2,015	1,890	5,500	32.70	34.10	27.50
Idaho	39,000	38,000	39,000	310	375	450	12,090	14,250	17,550	38.90	39.60	38.00
Wyoming	6,000	6,000	5,500	55	60	70	330	360	385	33.00	37.00	36.50
Colorado	5,500	5,500	4,000	110	110	140	605	605	560	33.60	30.00	28.50
New Mexico	3,000	3,500	2,600	230	180	200	690	630	520	51.50	52.00	49.00
Arizona	15,000	10,000	8,000	110	100	100	1,650	1,000	800	37.60	38.00	36.00
Utah	30,000	24,000	18,000	115	140	200	3,450	3,360	3,600	35.00	36.00	33.00
Nevada	17,000	22,000	23,500	400	335	360	6,800	7,370	8,460	38.60	37.50	37.50
Washington	24,000	26,000	30,000	500	525	645	12,000	13,650	19,350	40.90	40.00	39.50
Oregon	13,500	13,000	12,500	380	440	550	5,130	5,720	6,875	39.70	41.50	37.00
California	103,000	98,000	105,000	480	345	430	49,440	33,120	45,150	39.10	39.30	37.60
United States.....	550,000	497,000	637,100	211	208	221	115,843	103,505	140,935	37.80	37.40	35.40
Timothy seed												
	Acreage	Acreage	Acreage	Lb.	Lb.	Lb.	1,000 lb.	1,000 lb.	1,000 lb.	Dollars	Dollars	Dollars
Pennsylvania	10,000	6,000	7,500	110	100	110	1,100	600	825	10.00	11.50	8.80
Ohio	18,000	22,000	20,000	155	150	155	2,790	3,300	3,100	7.40	8.20	6.10
Indiana	7,000	9,000	8,000	150	130	130	1,050	1,170	1,040	9.30	9.70	6.50
Illinois	5,000	6,000	5,500	150	140	150	750	840	825	8.00	8.00	7.00
Wisconsin	5,500	6,000	6,000	125	140	140	685	840	840	8.00	8.00	6.00
Minnesota	53,000	76,000	72,000	160	225	190	8,480	17,100	13,680	9.10	8.30	7.60
Iowa	7,000	8,000	7,000	165	125	160	1,155	1,000	1,120	8.30	8.90	7.50
Missouri	29,000	31,000	26,000	145	140	160	4,205	4,340	4,160	8.60	8.80	6.40
United States.....	134,500	164,000	152,000	150	178	168	20,218	29,190	25,590	8.69	8.44	7.18
Red clover seed												
	Acreage	Acreage	Acreage	Lb.	Lb.	Lb.	1,000 lb.	1,000 lb.	1,000 lb.	Dollars	Dollars	Dollars
New York	10,000	13,000	11,000	100	130	110	1,000	1,090	1,210	29.50	31.00	28.00
Pennsylvania	25,000	14,000	15,000	90	70	75	2,250	980	1,125	32.00	35.00	31.00
Ohio	57,000	60,000	69,000	66	70	75	3,762	4,200	5,175	27.30	32.20	27.50
Indiana	62,000	62,000	65,000	70	80	70	4,340	4,960	4,550	28.10	33.40	28.50
Illinois	101,000	77,000	81,000	70	65	80	7,070	5,005	6,480	28.70	36.10	30.50
Michigan	45,000	55,000	42,000	90	100	85	4,050	5,500	3,570	26.30	29.60	25.50
Wisconsin	15,000	30,000	25,000	95	110	90	1,425	3,300	2,250	30.70	33.50	29.50
Minnesota	25,000	50,000	50,000	95	105	80	2,375	5,250	4,000	30.90	34.90	31.00
Iowa	35,000	13,000	26,000	85	65	75	2,975	845	1,950	30.70	36.40	31.50
Missouri	54,000	25,000	29,000	75	80	80	4,050	2,000	2,320	28.80	34.20	28.50
Nebraska	8,000	7,500	8,500	75	85	75	600	638	638	29.00	33.00	29.00
Kansas	10,000	9,000	11,000	70	75	85	700	675	935	27.70	31.80	29.00
Maryland	9,000	5,000	6,000	75	55	80	675	275	480	36.00	40.00	38.00
Virginia	7,500	4,500	6,000	85	50	90	638	225	540	40.00	52.00	44.00
Kentucky	17,000	15,000	15,000	85	90	100	1,445	1,350	1,500	32.40	37.90	34.00
Montana <sup>1</sup>	700			180			126			35.00		
Idaho	4,500	5,500	7,000	310	320	360	1,395	1,760	2,520	39.50	40.20	36.00
Washington	3,400	4,800	7,100	270	325	400	918	1,560	2,840	41.40	43.60	36.50
Oregon	8,000	15,500	21,000	135	305	250	1,080	4,728	5,250	40.00	40.00	35.00
California	900	800	1,700	495	410	460	446	328	782	45.50	44.00	40.00
United States.....	498,000	466,600	496,300	83	97	97	41,320	45,269	48,115	30.80	35.30	31.60

See footnotes at end of table.

Table 405.—Field seeds—alfalfa, timothy, red clover, sweetclover, and lespedeza: Acreage, yield, production, and season average price per 100 pounds received by farmers, by States, 1968-70—Continued

State	Acreage harvested			Yield per acre			Production (clean seed)			Price for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
Sweetclover seed												
	Acres	Acres	Acres	Lb.	Lb.	Lb.	1,000 lb.	1,000 lb.	1,000 lb.	Dol-lars	Dol-lars	Dol-lars
Ohio.....	4,500	4,000	3,000	170	190	170	765	760	510	7.90	9.60	7.40
Illinois.....	4,000	4,500	4,500	115	100	160	460	450	720	9.00	9.00	8.00
Michigan <sup>2</sup> .....	800			140			112			6.60		
Minnesota.....	6,000	18,000	14,000	250	225	200	1,500	4,050	2,800	8.30	8.20	7.00
Missouri <sup>2</sup> .....	1,000			150			150			7.50		
North Dakota.....	4,000	6,000	6,000	175	260	275	700	1,560	1,650	9.80	8.50	6.70
South Dakota.....	8,000	14,000	14,000	300	280	210	2,400	3,920	2,940	7.80	9.10	7.10
Nebraska.....	6,000	6,500	7,000	210	190	180	1,260	1,235	1,260	7.50	9.30	8.50
Kansas.....	6,000	7,000	9,000	160	140	140	960	980	1,260	7.60	8.50	6.90
Oklahoma <sup>2</sup> .....	1,000			150			150			9.50		
Texas.....	4,500	5,000	6,000	200	240	250	900	1,200	1,500	11.40	12.60	12.50
United States.....	45,800	65,000	63,500	204	218	199	9,357	14,155	12,640	8.46	9.02	7.81
Lespedeza seed												
	Acres	Acres	Acres	Lb.	Lb.	Lb.	1,000 lb.	1,000 lb.	1,000 lb.	Dol-lars	Dol-lars	Dol-lars
Indiana.....	11,000	14,000	8,000	220	210	180	2,380	2,940	1,440	13.00	10.60	8.80
Illinois.....	10,000	10,000	8,500	200	170	150	2,000	1,700	1,275	12.50	12.00	10.50
Missouri.....	29,000	25,000	19,000	220	230	220	6,380	5,750	4,180	12.50	10.50	8.70
Kansas.....	14,000	15,000	14,000	210	230	220	2,940	3,450	3,080	12.50	9.90	8.00
Maryland.....	5,000	6,000	5,000	150	180	150	750	1,080	750	13.50	13.10	11.50
Virginia <sup>2</sup> .....	2,000			140			280			17.50		
North Carolina.....	15,000	15,000	17,000	130	175	180	1,950	2,625	3,060	20.50	18.40	17.50
South Carolina.....	5,000	6,000	6,000	150	210	185	750	1,260	1,110	20.50	21.60	20.00
Georgia.....	5,000	6,000	5,000	200	230	220	1,000	1,380	1,100	28.00	28.30	26.00
Kentucky.....	38,000	43,000	34,000	270	300	235	10,260	12,900	7,960	16.50	15.00	13.00
Tennessee.....	22,000	25,000	24,000	190	220	225	4,180	5,500	5,400	19.00	18.40	16.80
Alabama.....	2,000	3,000	2,000	160	220	190	320	660	380	29.50	23.50	23.00
Mississippi.....	2,000	2,000	2,000	160	160	160	320	320	320	23.00	22.50	25.00
Arkansas.....	10,000	10,000	12,500	425	425	430	4,250	4,250	5,375	19.50	20.90	17.50
Oklahoma.....	2,000	3,000	4,000	175	180	170	350	540	680	15.00	14.00	16.50
United States.....	172,000	183,000	161,000	222	242	224	38,260	44,355	36,140	16.40	15.60	14.30

<sup>1</sup> Preliminary.<sup>2</sup> Beginning 1969, estimates discontinued.

Statistical Reporting Service.

Table 406.—Winter cover-crop seeds: Production of clean seed, United States, 1954-70

Year	Austrian winter peas <sup>1</sup>	Crimson clover	Lupine <sup>1</sup>	Hairy vetch	Common vetch <sup>1</sup>	Purple vetch <sup>1</sup>	Annual ryegrass <sup>2</sup>	Perennial ryegrass
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1954.....	39,605	14,412	16,152	31,935	8,690	7,920	105,800	22,410
1955.....	48,000	9,570	20,432	28,470	11,745	5,500	121,520	31,360
1956.....	32,865	14,865	15,412	26,185	2,720	13,600	89,000	43,050
1957.....	34,060	13,693	20,160	22,555	7,130	9,360	66,960	35,490
1958.....	29,800	15,960	10,295	21,305	5,370	6,600	63,360	28,080
1959.....	45,425	11,964	9,420	24,280	4,380	8,100	136,400	45,080
1960.....	43,935	16,398	8,015	28,260	5,620	3,900	149,960	-----
1961.....	68,250	12,736	6,510	18,460	5,230	10,370	136,320	-----
1962.....	61,200	13,105	5,635	22,300	4,730	7,650	180,880	-----
1963.....	64,470	10,616	1,850	30,835	6,050	5,775	145,725	-----
1964.....	89,200	12,699	3,030	27,212	6,477	3,445	179,690	-----
1965.....	-----	8,670	-----	11,960	-----	-----	160,460	-----
1966.....	-----	8,214	-----	19,480	-----	-----	151,940	-----
1967.....	-----	8,082	-----	13,862	-----	-----	136,960	-----
1968.....	-----	7,274	-----	9,020	-----	-----	163,480	-----
1969.....	-----	7,981	-----	9,788	-----	-----	177,310	-----
1970 <sup>3</sup> .....	-----	10,116	-----	11,490	-----	-----	179,200	-----

<sup>1</sup> Beginning 1965, estimates discontinued.<sup>2</sup> Beginning 1960, all ryegrass. Data not available by species after 1959.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 408.

Table 407.—Winter cover-crop seeds: Season average price per 100 pounds received by farmers, United States, 1961-70

Year	Austrian winter peas <sup>1</sup>	Crimson clover	Lupine <sup>1</sup>	Hairy vetch	Common vetch <sup>1</sup>	Purple vetch <sup>1</sup>	Annual ryegrass <sup>2</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1961.....	2.81	17.60	4.02	10.40	6.04	6.00	5.20
1962.....	2.96	14.60	3.82	13.00	7.60	6.50	4.60
1963.....	3.13	20.20	4.53	10.80	7.46	7.00	6.10
1964.....	2.81	14.10	4.12	11.70	5.07	6.30	4.75
1965.....	-----	18.80	-----	14.30	-----	-----	5.90
1966.....	-----	20.70	-----	11.80	-----	-----	5.90
1967.....	-----	21.90	-----	8.44	-----	-----	6.50
1968.....	-----	22.90	-----	11.20	-----	-----	7.90
1969.....	-----	22.80	-----	14.70	-----	-----	8.10
1970 <sup>3</sup> .....	-----	13.00	-----	12.30	-----	-----	6.60

<sup>1</sup> Beginning 1965, estimates discontinued.<sup>2</sup> Beginning 1960, all ryegrass. Data not available by species after 1959.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 409.



Table 408.—Field seeds: Stocks held by dealers on June 30, 1963-70

Kind of seed	1963	1964	1965	1966	1967	1968	1969	1970 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Alfalfa.....	23,558	30,552	35,454	27,692	28,922	30,077	32,578	22,159
Clovers:								
Red (medium and mammoth) ..	11,124	12,237	16,136	16,780	16,786	11,952	8,131	10,488
Alsike.....	4,728	3,200	1,821	2,644	3,301	2,836	1,781	1,621
Sweetclover.....	5,061	7,374	7,271	6,218	8,691	4,666	2,959	7,304
White Dutch.....	1,054	2,439	3,795	3,145	2,643	1,849	1,428	933
Ladino.....	2,424	2,207	2,540	1,923	1,855	1,810	1,015	1,415
Crimson.....	2,090	2,414	3,069	1,492	299	1,025	1,787	2,607
Lespedeza:								
Korean.....	4,168	2,701	1,461	3,546	3,047	730	2,429	7,622
Striate, Kobe.....	970	438	175	1,874	2,026	346	155	1,544
Other.....	138	23	549	718	361	511	235	841
Hairy vetch.....	3,399	3,067	1,823	1,243	6,023	5,014	2,336	1,913
Common vetch.....	431	2,121	3,744	1,317	705	612	443	236
Other vetches.....	2,008	1,256	449	4,031	1,456	857	508	213
Austrian winter peas.....	1,486	3,119	6,183	1,679	3,091	8,589	4,427	489
Lupine.....	139	90	57	51	558	532	383	362
Birdsfoot trefoil.....	310	236	242	457	414	302	563	499
Grasses:								
Timothy.....	5,232	3,095	5,540	8,992	14,383	14,784	10,279	11,664
Orchardgrass.....	3,980	2,582	4,549	4,944	6,044	4,924	5,430	6,672
Redtop.....	1,465	840	1,025	1,612	1,767	1,382	785	626
Kentucky bluegrass <sup>2</sup> .....	11,485	9,730	7,530	7,798	9,799	12,763	13,065	11,672
Merion Ky. bluegrass.....	1,743	1,424	1,684	1,303	2,463	4,209	3,079	1,746
Chewings fescue.....	5,010	2,594	1,801	2,378	2,240	2,712	1,174	1,918
Meadow fescue.....	668	262	297	416	594	855	1,310	1,242
Red fescue.....	4,443	3,644	2,649	6,817	5,909	6,759	7,718	7,048
Tall fescue (Alta and Ky. 31).....	2,358	7,702	10,299	10,657	18,432	9,472	5,030	13,565
Bentgrass.....	1,197	2,201	2,717	2,636	1,950	1,955	1,742	1,323
Smooth bromegrass.....	3,810	2,150	5,054	2,375	2,347	3,501	4,923	1,603
Crested wheatgrass.....	2,735	2,058	1,161	1,164	894	2,345	1,217	468
Slender wheatgrass.....	255	385	265	189	219	305	165	66
Sudangrass.....	11,457	8,070	8,544	12,408	15,618	16,717	9,989	4,845
Annual ryegrass.....	24,711	28,479	31,547	24,157	26,316	11,840	14,800	15,751
Perennial ryegrass.....	13,576	11,606	7,797	9,270	6,544	8,159	11,825	10,041
Ryegrass, mixed.....	2,653	2,308	1,461	902	1,233	1,896	2,214	2,484
Dallisgrass.....	82	380	188	45	28	112	93	22

<sup>1</sup> Preliminary.<sup>2</sup> Includes grower-owned seed stored in dealers' warehouses.<sup>3</sup> Beginning 1965, includes sudangrass hybrids, but not crosses.

Statistical Reporting Service.

Table 409.—Field seeds: Average retail price paid by farmers for high-grade seed, February–May, United States, 1961–70

Kind of seed	1961	1962	1963	1964	1965	1966	1967	1968 <sup>1</sup>	1969 <sup>1</sup>	1970 <sup>1</sup>
Price per 100 pounds										
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Alfalfa, common.....	37.30	49.10	58.80	41.00	42.00	47.20	50.30	58.20	54.60	57.30
Red clover.....	36.70	46.10	51.50	50.70	40.10	40.20	40.10	48.50	57.40	60.70
Alsike clover.....	32.60	32.10	32.50	32.80	35.70	33.50	32.40	32.00	37.20	37.10
Sweetclover.....	14.80	22.10	27.40	20.20	16.40	17.10	17.30	17.40	24.50	23.60
White clover.....	99.00	91.60	102.00	85.80	79.50	79.20	78.50	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Ladino clover.....	96.10	93.30	99.40	86.50	88.00	86.60	92.20	114.00	128.00	131.00
Lespedeza, Korean.....	21.60	20.40	19.70	23.00	22.80	18.20	22.40	25.60	26.20	24.20
Timothy.....	15.30	17.00	25.00	38.40	33.80	30.60	22.80	20.40	24.50	24.00
Orchardgrass.....	34.70	36.60	38.70	46.80	36.40	35.90	35.00	33.70	40.60	41.70
Redtop.....	44.80	42.80	47.40	65.80	71.50	72.90	66.80	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Kentucky bluegrass.....	58.70	59.00	57.90	62.70	61.80	66.60	65.40	59.60	59.40	60.90
Ryegrass, annual.....	12.90	13.00	13.20	13.30	12.80	13.60	13.50	15.40	17.60	18.30
Tall fescue.....	22.70	21.40	38.60	35.30	21.10	20.30	19.40	21.30	28.50	32.00
Smooth bromegrass.....	22.60	22.70	24.50	33.70	24.70	24.30	34.10	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Crested wheatgrass.....	33.00	34.30	25.70	26.60	29.70	32.60	54.20	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )
Sudangrass.....	12.00	12.40	14.20	12.40	12.40	13.20	13.20	13.50	13.40	15.80
Price per bushel										
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Corn, hybrid.....	11.50	11.70	11.70	12.00	12.20	12.30	12.90	13.90	13.70	15.70
Wheat (spring).....	2.47	2.76	2.75	2.97	2.64	2.46	2.79	2.54	2.39	2.38
Oats (spring).....	1.37	1.43	1.49	1.54	1.57	1.59	1.58	1.62	1.64	1.67
Barley (spring).....	1.71	1.83	1.90	1.94	1.90	1.96	1.98	1.96	1.83	1.86
Soybeans for seed.....	3.83	3.87	3.78	4.05	4.23	4.26	4.40	4.05	4.16	4.02

<sup>1</sup> Apr. 15 prices.<sup>2</sup> Data not available.

Statistical Reporting Service.

Table 410.—Field seeds: Season average price per 100 pounds received by farmers, United States, 1961–70

Year	White clover	Ladino clover	Redtop <sup>1</sup>	Orchardgrass	Kentucky bluegrass <sup>1</sup>	Sudangrass <sup>1</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1961.....	46.10	57.00	17.20	18.10	6.93	5.51
1962.....	59.10	61.00	18.60	17.20	5.48	6.38
1963.....	35.60	48.50	29.80	24.00	6.32	5.06
1964.....	34.70	52.50	32.30	16.10	.....	4.96
1965.....	35.40	45.50	.....	15.50	.....	.....
1966.....	34.40	50.00	.....	15.00	.....	.....
1967.....	42.90	62.50	.....	15.30	.....	.....
1968.....	61.30	71.00	.....	19.50	.....	.....
1969.....	58.50	70.00	.....	19.80	.....	.....
1970 <sup>1</sup> .....	81.20	73.00	.....	20.30	.....	.....

  

Year	Smooth bromegrass <sup>1</sup>	Crested wheatgrass <sup>1</sup>	Chewings fescue	Red fescue	Tall fescue	Bentgrass
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1961.....	9.44	17.10	14.50	14.50	10.40	27.70
1962.....	10.50	11.50	14.00	16.50	15.60	45.10
1963.....	13.40	11.90	31.00	35.90	18.60	48.40
1964.....	8.31	11.00	33.00	36.50	9.72	33.90
1965.....	.....	.....	42.50	41.90	9.38	41.90
1966.....	.....	.....	25.50	25.30	8.30	25.90
1967.....	.....	.....	19.50	18.90	8.58	35.10
1968.....	.....	.....	22.00	20.90	10.50	36.60
1969.....	.....	.....	24.00	23.00	14.30	50.20
1970 <sup>1</sup> .....	.....	.....	34.50	34.00	9.53	47.30

<sup>1</sup> Beginning 1965, estimates discontinued.<sup>2</sup> Rough, cured seed; beginning 1964, estimates discontinued.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1944–60 in *Agricultural Statistics, 1967*, table 412.

Table 411.—Vegetable seeds: Acreage, production, and stocks held by dealers on June 30, United States, 1968-70

Kind of seed	Acreage harvested			Production			Stocks		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	Acres	Acres	Acres	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Bean:									
Bush green.....	24,659	19,321	28,012	35,512	30,012	41,884	26,937	28,102	25,886
Bush wax.....	2,969	3,578	3,241	3,796	5,358	5,475	4,046	3,390	3,930
Pole (green and wax).....	1,424	1,188	1,176	2,447	2,134	2,036	2,582	1,946	2,060
Bush lima.....	9,024	5,239	4,526	10,129	9,578	8,660	3,099	7,212	7,115
Pole lima.....	276	173	266	670	381	694	175	385	324
Beet, garden.....	686	746	650	809	962	1,080	2,075	1,719	1,828
Broccoli.....	59	51	97	71	56	87	146	137	107
Cabbage.....	539	358	526	327	200	351	1,074	762	559
Carrot.....	1,809	1,546	2,137	975	1,114	1,495	935	749	919
Cauliflower.....	107	144	231	67	72	135	75	79	69
Celery.....	25	47	38	16	41	29	32	33	56
Chard, Swiss.....	58	53	73	48	62	94	138	86	56
Corn:									
Sweet, hybrids.....	8,085	10,011	10,954	13,143	15,877	19,538	3,107	3,742	6,043
Sweet, open-pollinated.....	445	377	410	846	794	956	726	592	491
Nonsweet.....	404	156	299	990	315	709	83	292	186
Cucumber.....	4,845	3,085	2,092	1,725	1,332	804	804	1,367	1,538
Eggplant.....	46	48	71	6	15	21	16	14	14
Endive.....	36	44	85	31	41	83	100	75	61
Kale.....	139	63	100	129	48	118	59	75	59
Kohlrabi.....	21	13	20	17	7	30	41	24	10
Leek.....	4	2	7	2	( <sup>2</sup> )	4	10	11	5
Lettuce:									
Heading.....	1,420	1,583	1,568	491	667	700	443	428	483
Loose-leaf.....	357	634	540	115	284	270	102	72	103
Romaine.....	87	83	114	29	41	40	37	40	34
Muskmelon.....	2,726	3,061	2,708	799	924	804	364	252	521
Watermelon.....	18,271	22,002	11,269	2,301	2,816	2,321	514	528	972
Mustard.....	426	379	193	409	444	288	294	323	452
Okra.....	419	566	354	536	554	367	111	254	341
Onion.....	2,323	2,395	2,793	691	771	1,112	635	464	326
Parsley.....	138	139	193	79	97	115	130	67	60
Parsnip.....	50	53	80	29	41	40	34	8	12
Pea.....	79,824	82,685	63,141	148,070	162,466	103,370	57,988	57,666	101,392
Pepper.....	2,933	2,012	1,587	348	238	211	162	253	260
Pumpkin.....	120	226	245	59	109	102	94	57	73
Radish.....	1,456	1,880	1,348	1,421	1,641	1,389	1,687	1,891	2,114
Salsify.....	2	2	1	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	10	7	4
Spinach.....	656	561	719	752	815	996	806	682	762
Squash:									
Summer.....	1,029	1,039	1,106	640	551	668	436	402	393
Winter.....	505	500	504	170	210	225	137	132	158
Tomato.....	4,706	3,051	3,199	607	387	430	408	556	484
Turnip.....	512	591	481	550	856	758	1,041	808	925
Rutabaga.....	30	35	31	25	30	57	123	71	71
Total.....	173,640	169,770	147,185	238,877	242,350	198,456	111,706	115,754	161,276

<sup>1</sup> Preliminary.<sup>2</sup> Less than 1,000 pounds.

Statistical Reporting Service. Compiled from reports of commercial vegetable seed growers and handlers.

Table 412.—Agricultural seeds: Imports admitted under the Federal Seed Act into the United States, 1967-70

Kind of seed	Year beginning July				Kind of seed	Year beginning July			
	1967	1968	1969	1970 <sup>1</sup>		1967	1968	1969	1970 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Alfalfa	1,077	680	165	46	Lovegrass, weeping	107	32	41	6
Barley <sup>2</sup>	262	1,016	1,137	1,808	Meadow, foxtail				1
Barrelclover			4	19	Medick, black	4		30	13
Bean:					Millet:				
Adzuki <sup>2</sup>			1		Foxtail <sup>2</sup>			20	20
Mung <sup>2</sup>				2	Hungarian				10
Velvet		169	285	113	Pearl	635	3	31	
Beet:					Mixtures:				
Field	4	2	4	2	Grasses	10	6	29	
Sugar	159	186	54	7	Legumes	2,028	3,278	3,146	3,077
Bentgrass:					Mustard <sup>2</sup>	10			4
Colonial	4	30	51	14	Mustard, white <sup>2</sup>	367			4
Creeping	1	80	146	5	Oat <sup>2</sup>	16,167	13,960	8,870	7,788
Bluegrass:					Panicgrass, green	12	9	2	2
Canada				2	Panic, field <sup>2</sup>	456	310	417	63
Kentucky	3,193	857	2,221	149	Peanut		1		
Rough	1,082	1,040	1,137	644	Popcorn				26
Wood	19	8	1		Rape, annual <sup>2</sup>	3	329	83	16
Brome, smooth	1,270	1,713	174	491	Redtop		3	45	
Broomcorn			2		Rye <sup>2</sup>	171	30	154	1,211
Buckwheat <sup>2</sup>	14		28		Ryegrass:				
Castor-bean <sup>2</sup>	1				Annual	11	47	519	156
Chickpea				209	Perennial	268	603	1,140	482
Clover:					Wimmera	2			
Alsike	4,555	3,157	3,725	4,137	Sainfoin	44	30	44	
Berseem		9	63	11	Sorghum <sup>2</sup>	2,418	1,379	2,093	1,998
Crimson		2	1		Sorghum alatum	743	329	632	551
Ladino	2	2	1	2	Sorghum-sudan-				
Persian	4	6		6	grass hybrid	9		274	1
Red	6,353	9,991	7,391	4,561	Soybean <sup>2</sup>	2	6	10	7
Rose	37	24	34	18	Sunflower <sup>2</sup>	145	29	35	171
Small hop					Sweetclover	2,323	1,359	760	610
(suckling)	8	4	13	5	White	109	102	87	134
Strawberry	8			4	Yellow	8,499	12,144	14,001	8,599
Subterranean	189	156	376	400	Timothy	252	423	70	212
White	974	660	297	544	Trefoil:				
Corn, field <sup>2</sup>	4,654	3,353	3,698	38,731	Big	4	3		1
Cotton	35		111	291	Birdsfoot	429	1,082	521	470
Cowpea <sup>2</sup>	47	2		306	Triticale				717
Crownvetch		11		11	Vetch:				
Emmer	15			48	Common <sup>2</sup>	1			
Fescue:					Hairy <sup>2</sup>		1,164	1,153	5
Chewings	6	4	28	69	Wheat <sup>2</sup>	27,448	29,315	86,074	13,149
Hard	547	719	554	544	Wheat, durum <sup>2</sup>		3		692
Meadow	943	3,322	1,950	841	Wheatgrass:				
Red	10,423	16,397	14,476	14,091	Crested	50	220	783	475
Tall		1	2	21	Intermediate	65		4	
Flax <sup>2</sup>	40	33	40	1	Pubescent		29	17	97
Grass:					Slender	5	1	1	9
Buffel		3			Streambank		3	9	9
Canary <sup>2</sup>	1	381	56		Tall	35			1
Canarygrass, reed					Wildrye, Russian	4			
Carpel	116	283	125	205	Total	105,975	118,843	164,485	110,943
Dallis	223	160	130	130					
Guinea		22	1	2					
Harding	11								
Japanese lawn	12	6	4	3					
Orchard	6,859	8,196	4,918	1,670					
Rhodes	19	1		2					
Veldt			1						

<sup>1</sup> Includes July 1970 through April 1971.

<sup>2</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Consumer and Marketing Service.

Table 413.—Vegetable seeds: Imports admitted under the Federal Seed Act into the United States, 1967-70

Kind of seed	Year beginning July				Kind of seed	Year beginning July			
	1967	1968	1969	1970 <sup>1</sup>		1967	1968	1969	1970 <sup>1</sup>
	100 pounds	100 pounds	100 pounds	100 pounds		100 pounds	100 pounds	100 pounds	100 pounds
Asparagus.....	9	2	2	14	Endive.....	12	15	11	5
Bean:					Kale.....	21	5	6	5
Asparagus.....	16	10	16	41	Kohlrabi.....	7	59	5	21
Garden.....	3,709	1,180	1,471	75	Leek.....	38	17	46	37
Runner.....	72	294	102	16	Lettuce <sup>2</sup> .....	2,233	2,604	3,770	2,145
Beet.....	26	57	7	171	Muskmelon.....	93	37	238	100
Broadbean <sup>2</sup> .....	62				Mustard <sup>2</sup> .....	28	8	4	5
Broccoli.....					Mustard, spinach.....	1	1		1
Brussels sprouts.....	58	22	44	24	Okra.....		90		
Burdock.....	5	9	7	6	Onion.....	500	209	737	747
Cabbage.....	66	38	71	55	Pak-choi.....	6	7	1	3
Cardoon.....	7	2		1	Parsley <sup>2</sup> .....	135	69	117	88
Carrot.....	88	49	62	177	Parsnip.....		2		
Cauliflower.....	26	34	3	4	Pea, garden <sup>2</sup> .....	16,394	2,023	572	800
Celeriac.....	1	1		1	Pepper <sup>2</sup> .....	147	223	91	217
Celery <sup>2</sup> .....	8	5	25	6	Pumpkin <sup>2</sup> .....		2	5	2
Chard, Swiss.....	183	27	33	2	Radish.....	117	67	77	393
Chicory.....	16	9	9	24	Rutabaga.....	3	3	23	1
Chinese cabbage.....	29	23	30	21	Salsify.....		11		19
Chives.....	15	2	8	15	Sorrel.....	2	1	1	1
Corn, sweet.....	36	7	96	16	Soybean <sup>2</sup> .....	1		5	4
Corn salad.....	1	1	1		Spinach.....	823	732	404	414
Cress:					Spinach, New.....				
Garden.....	15	14	59	42	Zealand.....	57	74	47	60
Upland.....	4	2			Squash.....	15	80	51	31
Water.....		1	1		Tomato.....	1,632	2,114	1,925	1,447
Cucumber.....	137	105	348	385	Turnip.....	73	75	111	48
Dandelion.....		1		2	Watermelon <sup>2</sup> .....	176	132	113	153
Eggplant.....	73	44	53	40	Total.....	27,177	10,601	10,810	7,887

<sup>1</sup> Includes July 1970 through April 1971.<sup>2</sup> Importations of these seeds are subject to the Federal Seed Act and are included in this table only when imported for seeding purposes.

Consumer and Marketing Service.

Table 414.—Seeding rates: Quantity of seed used per acre for specified crops, by States

State	Corn Bushels	Winter wheat Bushels	Durum wheat Bushels	Other spring wheat Bushels	Oats Bushels	Barley Bushels	Rye Bushels	Flax- seed Bushels	Sor- ghums Pounds	Rice Pounds	Beans, dry edible Pounds	Peas, dry field Pounds	Soy- beans Bushels	Pota- toes (Irish) Cwt.	Sweet pota- toes Cwt.	Pea- nuts Pounds	Cot- ton Pounds
Maine	17.0				3.5												
New Hampshire	16.5																
Vermont	17.0																
Massachusetts	17.0																
Rhode Island	17.0																
Connecticut	17.0																
New York	16.7	2.2			2.5	2.1	2.0										
New Jersey	16.7	2.2			2.5	2.1	2.0										
Pennsylvania	12.8	2.2			2.5	2.1	2.0										
Delaware	12.8	2.2			2.5	2.1	2.0										
Ohio	13.4	2.2			2.5	2.1	2.0										
Indiana	12.6	1.9			2.7	2.0	1.6										
Illinois	13.4	1.7			2.7	2.0	1.6										
Michigan	12.2	2.1			2.5	2.0	1.6										
Wisconsin	12.9	1.8		1.8	2.5	2.0	1.6										
Minnesota	13.4	1.6		1.6	2.5	2.0	1.6										
Iowa	12.6	1.6			2.5	2.0	1.6										
Missouri	12.6	1.6			2.5	2.0	1.6										
North Dakota	8.9	1.0	1.4	1.3	2.0	1.5	1.2										
South Dakota	10.5	1.0	1.4	1.3	2.0	1.5	1.2										
Nebraska	12.0	1.1			2.6	1.6	1.2										
Kansas	11.4	.9			2.1	1.5	1.0										
Delaware	11.3	2.0			2.4	2.0	1.8										
Maryland	11.9	1.9			2.5	2.1	1.8										
Virginia	12.0	1.6			2.4	2.0	1.8										
West Virginia	12.0	1.6			2.4	2.0	1.8										
North Carolina	12.0	1.6			2.4	2.0	1.8										
South Carolina	11.9	1.7			2.4	2.0	1.7										
Georgia	11.1	1.9			2.0	2.1	1.6										
Florida	11.1	1.9			2.0	2.1	1.6										
Kentucky	8.5	1.8			2.9	2.0	1.7										
Tennessee	11.4	1.6			2.9	2.0	1.7										
Alabama	11.8	1.7			2.4	2.0	1.7										
Georgia	10.2	1.8			2.0	2.0	1.7										
Mississippi	10.8	1.9			2.0	2.0	1.7										
Arkansas	10.8	1.9			2.0	2.0	1.7										
Louisiana	11.5	2.0			2.0	2.0	1.7										
Oklahoma	14.3	1.9			2.0	2.0	1.7										
Texas	10.6	1.9			2.1	1.4	1.3										
Montana	14.0	.9	1.0	1.0	2.1	1.3	.9										
Idaho	16.4	1.2			1.6	1.2	.95										
Wyoming	16.4	1.2			1.6	1.2	.95										
Colorado	15.7	.65			1.1	1.0	.8										
Utah	14.8	1.7			1.1	1.0	.8										
New Mexico	14.8	1.7			1.1	1.0	.8										
Arizona	15.6	1.2			1.1	1.0	.8										
Nevada	17.2	1.5			1.1	1.0	.8										
Washington	15.4	.65			1.1	1.0	.8										
Oregon	14.4	1.0			1.1	1.0	.8										
California	18.0	1.4	2.0	1.5	2.9	2.0	1.3										
United States	12.7	1.12	1.37	1.22	2.57	1.63	1.41	.77	7.1	137	51	100	1.13	16.9	5.7	119	26

1 Farmers stock (unshelled basis).

2 Fussy equivalent basis.

Statistical Reporting Service.

United States average is rate of seedling weighted by acreage planted, by States.



Table 415.—Beans, dry edible: Acreage, yield, production, value, and foreign trade, United States, 1959-70<sup>1</sup>

Year	Acreage planted	Acreage harvested	Yield per harvested acre <sup>2</sup>	Production <sup>3</sup>	Season average price per 100 pounds received by farmers <sup>4</sup>	Farm value	Wholesale price per 100 pounds of pea beans, New York, year beginning September <sup>4</sup>	Foreign trade, year beginning September	
								Domestic exports	Imports for consumption
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	Dollars	1,000 dollars	Dollars	1,000 cwt.	1,000 cwt.
1959 <sup>5</sup>		1,414	1,550	19,087					
1959	1,517	1,435	1,290	18,505	6.98	128,268	7.44	3,547	100
1960	1,438	1,400	1,244	17,411	7.14	124,329	7.56	1,819	118
1961	1,445	1,414	1,391	19,672	6.91	136,070	8.07	1,742	55
1962	1,465	1,414	1,269	17,942	6.79	121,812	8.10	3,224	23
1963	1,404	1,370	1,459	19,982	6.99	139,750	8.03	3,901	39
1964 <sup>5</sup>		1,338	1,389	17,657					
1964	1,442	1,388	1,252	17,375	7.52	130,691	8.22	2,941	72
1965	1,556	1,484	1,109	16,457	8.68	142,821	10.28	2,260	50
1966	1,521	1,486	1,343	19,962	7.17	143,150	8.03	3,654	33
1967	1,290	1,211	1,253	15,177	9.27	140,727	10.69	2,068	48
1968	1,484	1,434	1,213	17,389	8.19	142,484	10.62	2,753	22
1969	1,544	1,490	1,268	18,894	7.61	143,820	9.65	4,340	25
1970 <sup>5</sup>	1,526	1,424	1,221	17,385	9.10	158,286	12.46		

<sup>1</sup> Includes, besides the ordinary edible beans, blackeyes and garbanzos in California. Excludes soybeans, mung beans, and beans grown for garden seed.

<sup>2</sup> Cleaned basis.

<sup>3</sup> Obtained by weighting State prices by quantity sold. Includes allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

<sup>4</sup> Compiled from the New York Journal of Commerce.

<sup>5</sup> Census yield and production on partially uncleaned basis.

<sup>6</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Italic figures are Census of Agriculture returns from the Bureau of the Census; census figures include all States; other figures, principal producing States only. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1924-58 in *Agricultural Statistics, 1968*, table 420, include beans grown for garden seed and are not strictly comparable.

Table 416.—Beans, dry edible (cleaned basis): Production, by classes, United States, 1968-70<sup>1</sup>

Class	1968	1969	1970 <sup>2</sup>	Class	1968	1969	1970 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.
Pea (navy).....	5,615	7,224	5,299	Yelloweye.....	49	20	227
Great northern.....	1,383	1,707	1,463	Black turtle soup.....	314	223	227
Small white.....	441	488	275	Large lima.....	814	770	538
Flat small white.....	69	96	66	Baby lima.....	589	430	478
Pinto.....	4,658	4,421	5,238	Blackeye, California.....	781	513	712
Red kidney <sup>3</sup> .....	1,124	1,548	1,276	Garbanzo.....	58	101	68
Pink.....	682	501	676	Other.....	274	222	283
Small red.....	354	465	576				
Cranberry.....	184	165	190	Total.....	17,389	18,894	17,385

<sup>1</sup> Soybeans, mung beans, and beans grown for garden seed are not included.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes dark red kidney.

Statistical Reporting Service.

Table 417.—Beans, dry edible: Acreage, yield, production, and season average price per hundredweight received by farmers, by States, 1968-70<sup>1</sup>

State	Acreage planted			Acreage harvested			Yield per harvested acre (cleaned basis)			Production (cleaned basis)			Price <sup>2</sup> for crop of—		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
New York.....	94	80	86	65	1,130	1,130	1,150	1,210	1,150	904	897	748	11.10	8.70	11.00
Michigan.....	615	689	655	567	1,050	1,050	1,050	1,210	1,050	6,290	8,119	6,269	8.00	6.30	9.60
Minnesota.....	6	9	19	18	875	1,000	1,000	1,000	1,000	44	70	234	5.50	6.10	6.40
North Dakota.....	25	25	25	23	1,000	1,000	1,000	1,000	1,000	240	231	311	5.00	6.10	6.60
Nebraska.....	82	100	92	86	1,800	1,800	1,800	1,850	1,800	1,440	1,702	1,568	7.00	6.90	7.80
Kansas.....	19	25	23	17	1,000	1,000	1,000	1,000	1,000	170	170	210	5.80	6.40	7.10
Montana.....	115	9	11	9	1,800	1,800	1,800	1,800	1,800	152	152	157	6.90	7.70	7.70
Wyoming.....	39	29	31	28	1,600	1,600	1,600	1,640	1,600	1,410	1,459	1,401	6.40	7.80	7.30
Colorado.....	228	247	222	222	1,920	1,920	1,920	1,920	1,920	2,042	1,909	1,962	6.30	9.40	7.30
New Mexico.....	6	5	4	4	525	525	525	530	540	60	27	34	7.20	7.50	8.50
Utah.....	11	14	17	17	1,750	1,750	1,750	1,900	1,900	350	361	644	6.40	8.20	7.70
Washington.....	22	20	34	33	1,550	1,550	1,550	1,550	1,550	77	77	77	8.00	8.80	9.00
California:															
Large lima.....	44	45	34	34	1,850	1,850	1,850	1,710	1,710	814	770	588	-----	-----	-----
Baby lima.....	29	36	26	26	2,400	2,400	2,400	1,850	1,850	1,829	1,736	778	-----	-----	-----
Other.....	141	133	111	111	1,950	1,950	1,950	1,950	1,950	1,950	1,950	1,950	-----	-----	-----
Total California.....	214	204	174	174	1,550	1,550	1,550	1,439	1,439	3,330	2,936	2,066	11.00	10.00	11.80
United States.....	1,494	1,544	1,526	1,434	1,434	1,424	1,213	1,268	1,221	17,389	18,894	17,385	8.19	7.61	9.10

<sup>1</sup> Includes, besides the ordinary edible beans, blackeyes and garbanzos in California.

Excludes soybeans, mung beans, and beans grown for garden seed.

<sup>2</sup> Preliminary.

<sup>3</sup> Price of cleaned beans; prices include an allowance for unredeemed loans and purchases by the Government valued at the average loan and purchase rate, by States.

Statistical Reporting Service.

Table 418.—Beans, dry edible (cleaned basis): Production, seed used, and farm disposition, United States, 1961-70 <sup>1</sup>

Crop of—	Pro- duction	Total used for seed	Disposition on farms where grown		Crop of—	Pro- duction	Total used for seed	Disposition on farms where grown	
			Used for seed	Sold from farms				Used for seed	Sold from farms
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1961.....	19,672	746	188	19,484	1966.....	19,962	609	182	19,780
1962.....	17,942	715	180	17,762	1967.....	15,177	781	162	15,015
1963.....	19,982	744	166	19,816	1968.....	17,389	786	184	17,205
1964.....	17,375	803	183	17,192	1969.....	18,894	779	143	18,751
1965.....	16,457	814	181	16,276	1970 * ..	17,385	751	129	17,256

<sup>1</sup> Excludes soybeans, mung beans, and beans grown for garden seed.

\* Preliminary

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1934-58 in *Agricultural Statistics, 1969*, table 422, include beans grown for garden seed and are not strictly comparable.

Table 419.—Beans, dry edible (cleaned basis): Production, seed used, and farm disposition, by States, crop of 1970 (preliminary) <sup>1</sup>

State	Production	Total used for seed	Disposition on farms where grown	
			Used for seed	Sold from farms
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
New York.....	748	51	6	742
Michigan.....	6,269	286	43	6,226
Minnesota.....	234	12	—	234
North Dakota.....	311	14	—	311
Nebraska.....	1,548	55	—	1,548
Kansas.....	210	8	—	210
Montana.....	187	6	2	185
Idaho.....	1,974	102	1	1,973
Wyoming.....	501	24	—	501
Colorado.....	1,952	74	36	1,956
New Mexico.....	24	1	—	24
Utah.....	77	3	—	74
Washington.....	644	20	3	644
California.....	2,666	95	38	2,628
United States.....	17,385	751	129	17,256

<sup>1</sup> Excludes soybeans, mung beans, and beans grown for garden seed.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

Table 420.—Beans, dry edible:<sup>1</sup> Acreage, yield, and production in specified countries, average 1960-64, annual 1969 and 1970

Continent and country	Acreage			Yield per acre			Production		
	Average 1960-64	1969	1970	Average 1960-64	1969	1970	Average 1960-64	1969	1970
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
North America:									
Canada	68	90	82	1,248	1,301	1,359	849	1,171	1,114
Costa Rica	35	25	42	355	344	381	125	86	160
Dominican Republic	49	72	85	990	796	829	486	573	705
El Salvador	61	81	83	477	716	796	291	580	661
Guatemala	140	266	273	797	477	594	762	1,268	1,622
Honduras	237	183	201	394	665	706	934	1,217	1,430
Mexico	4,133	4,448	4,942	367	446	491	15,176	19,841	24,281
Nicaragua	108	150	152	661	676	696	668	1,014	1,088
Panama	32	42	34	238	257	318	124	106	106
United States	1,397	1,490	1,424	1,323	1,268	1,221	18,476	18,894	17,385
Total	6,280	6,847	7,318	607	654	663	37,891	44,752	48,484
South America:									
Argentina <sup>2</sup>	69	140	109	936	502	962	646	703	1,049
Brazil	6,904	8,977	9,000	590	540	540	40,036	48,500	48,500
Chile	227	117	141	875	904	813	1,987	1,058	1,146
Colombia	262	238	278	407	700	690	1,301	1,806	1,918
Peru	102	158	163	883	809	859	901	1,279	1,367
Venezuela	237	250	250	443	485	550	1,049	1,213	1,400
Total	7,801	9,880	9,941	589	552	557	45,920	54,561	55,380
Europe:									
Belgium and Luxembourg	1	1	1	2,213	2,009	2,284	21	28	32
France	90	91	95	935	1,059	1,201	1,777	966	1,140
Germany, West	4	3	3	1,861	2,000	2,130	68	60	64
Greece	124	125	132	1,014	1,296	1,397	1,259	1,234	1,439
Italy	845	523	530	458	698	728	4,125	3,651	3,860
Netherlands	7	8	10	2,388	1,925	2,510	168	154	231
Portugal	1,014	939	914	131	120	118	1,337	1,124	1,080
Spain	258	208	213	1,140	1,147	1,139	2,937	2,381	2,425
Sweden	3	2	3	634	1,272	1,275	42	22	35
Yugoslavia	530	443	445	757	955	892	4,014	4,228	3,968
Total	2,976	2,343	2,346	520	591	609	15,760	13,848	14,294
Asia:									
Japan	220	158	182	1,175	1,390	1,411	2,586	2,196	2,568
Lebanon	4	2	2	1,047	1,350	1,350	39	33	22
Syria	3	5	5	931	1,200	1,200	32	66	66
Turkey	281	278	278	1,084	1,112	1,087	3,046	3,091	3,020
Total	508	443	467	1,123	1,216	1,215	5,703	5,386	5,676
Africa:									
Angola	190	295	295	410	475	475	775	1,400	1,400
Malagasy Republic	107	115	115	780	800	800	838	926	925
South Africa, Republic of	200	175	175	500	550	550	1,016	924	948
Total	497	585	585	529	556	559	2,629	3,250	3,273
Grand total	18,062	20,098	20,667	597	606	586	107,903	121,797	121,107

<sup>1</sup> Includes generally all beans of the species *phaseolus vulgaris* (haricot or kidney-shaped beans) and *phaseolus lunatus* (lima beans).

<sup>2</sup> Harvested immediately preceding the harvest in Northern Hemisphere.

<sup>3</sup> Yields are computed from data for beans grown alone.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 421.—Beans, dry edible: Season average wholesale price per 100 pounds, at selected markets, 1960-69

Year beginning September	New York City <sup>1</sup>		F.o.b. California points					F.o.b. Idaho points	F.o.b. Colorado points	F.o.b. Michigan points
	Pea, choice	Lima, large standard	Baby lima, choice	Lima, large	Red kidney	Small red	Small white	Great northern, U.S. No. 1 <sup>2</sup>	Pinto, U.S. No. 1 <sup>2</sup>	Pea, U.S. No. 1 <sup>2</sup>
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1960.....	7.56	18.48	11.00	16.73	8.15	7.53	9.08	7.68	8.00	6.53
1961.....	8.07	17.68	8.12	15.13	8.84	9.12	10.36	7.16	6.80	6.85
1962.....	8.10	14.13	8.42	11.30	9.07	-----	9.45	8.90	7.48	-----
1963.....	8.03	13.56	6.50	11.49	12.36	-----	9.44	7.43	6.91	-----
1964.....	8.22	15.33	7.28	13.32	10.72	-----	10.65	7.69	10.72	-----
1965.....	10.28	16.38	12.65	14.14	12.18	-----	12.15	9.59	8.98	-----
1966.....	8.03	24.37	11.11	23.33	9.48	-----	9.43	7.47	7.47	-----
1967.....	10.69	22.85	14.59	19.45	13.72	-----	13.17	8.50	9.54	-----
1968.....	10.62	18.11	7.81	14.46	23.26	-----	11.85	8.62	7.83	-----
1969 <sup>3</sup> .....	9.65	15.46	7.99	12.15	11.25	-----	10.07	8.02	10.69	-----

<sup>1</sup> Prices represent prevailing values of the commodity and grade specified, as indicated by sales from receivers to wholesale distributors.

<sup>2</sup> Prices include brokerage, cleaning, and handling charges.

<sup>3</sup> Preliminary.

Economic Research Service. Compiled from New York Producers Price Current, New York Journal of Commerce, and Bean Market News (formerly Bean Market Review). Data for 1944-59 in *Agricultural Statistics, 1967*, table 423.

Table 422.—Beans, dry edible (cleaned basis): Price-support operations, United States, 1961-71

Year beginning September	Support price <sup>1</sup>		Season average price per cwt. received by farmers	Put under support <sup>2</sup>		Acquired by CCC under support program <sup>4</sup>	Owned by CCC Aug. 31
	Per cwt.	Percentage of parity <sup>3</sup>		Quantity	Percentage of production		
	Dollars	Percent	Dollars	1,000 cwt.	Percent	1,000 cwt.	1,000 cwt.
1961.....	6.32	70	6.91	5,176	26.3	3,099	2,264
1962.....	6.32	68	6.79	2,620	14.6	1,314	912
1963.....	6.32	67	6.99	3,185	15.9	1,613	1,469
1964.....	6.32	68	7.52	1,224	6.5	761	599
1965.....	6.32	67	8.68	707	4.3	41	43
1966.....	6.33	64	7.17	3,568	17.5	1,930	1,007
1967.....	6.37	63	9.27	666	4.4	-----	1
1968.....	6.38	61	8.20	1,688	9.7	28	1
1969.....	6.39	57	7.61	1,957	10.4	110	105
1970.....	6.40	55	<sup>5</sup> 8.48	<sup>5</sup> 1,367	<sup>5</sup> 7.9	-----	-----
1971.....	6.40	<sup>5</sup> 54	-----	-----	-----	-----	-----

<sup>1</sup> Announced equivalent support price at the producer level, computed from support prices on a cleaned, bagged, and graded basis, by classes, f.o.b. country shipping point.

<sup>2</sup> Percentage of the parity price as of the beginning of the marketing year.

<sup>3</sup> Includes loans made, purchase agreements entered into, and direct purchases.

<sup>4</sup> Acquisitions through loan cancellations and purchases (under agreement and direct) from the crop harvested in the year indicated and not acquisitions during that year.

<sup>5</sup> Preliminary.

Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 424.

Table 423.—Beans, dry edible: International trade, average 1960-64, annual 1968 and 1969

Continent and country	Average 1960-64		1968		1969	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Canada.....	222	72	303	81	584	84
Costa Rica.....	9	21	312	342	186	251
El Salvador.....	7	300	20	342	6	26
Guatemala.....	23	16	27	36	22	8
Mexico.....	239	87	1,760	6	1,180	34
Nicaragua.....	37	41	102	47	103	42
Panama.....	2,766	63	2,265	46	3,613	25
United States.....	3,303	600	4,477	870	5,901	656
Total.....	605	393	925	870	964	494
South America:						
Argentina.....	140	24	203	378	359	29
Brazil.....	459	20	282	147	392	184
Chile.....	6	6	55	220	79	79
Colombia.....	6	343	7	3	500	465
Venezuela.....	605	393	925	870	964	494
Total.....	841	4,111	783	4,945	629	4,721
Europe:						
Belgium and Luxembourg.....	80	214	83	223	61	139
France.....	89	571	80	721	64	689
Germany, West.....	36	593	390	204	425	415
Greece.....	29	65	86	314	25	466
Italy.....	159	92	20	1,070	113	252
Netherlands.....	230	407	134	163	53	550
Portugal.....	122	43	52	185	85	66
Spain.....	28	126	130	61	73	1,646
Sweden.....	1	49	73	1,745	24	4,721
Switzerland.....	1	78	1	1	1	1
United Kingdom.....	67	1,836	198	198	198	198
Yugoslavia.....	67	37	198	24	198	24
Total.....	841	4,111	783	4,945	629	4,721
Asia:						
Japan <sup>1</sup> .....	183	769	3	1,470	6	1,958
Turkey.....	48	769	9	12	12	1,958
Total.....	231	769	12	1,470	18	1,958
Africa:						
Angola.....	195	312	404	278	278	278
Malagasy Republic.....	309	277	1	17	17	17
Morocco.....	53	6	1	135	46	46
Sudan.....	186	48	46	46	46	46
United Arab Republic.....	24	90	46	46	46	46
Total.....	767	90	689	1	880	7,829
Grand total.....	5,747	5,963	6,886	8,156	8,392	7,829

<sup>1</sup> Adzuki and kidney beans only.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 424.—Beans, dry edible: United States exports to specified countries, average 1960-64, annual 1969 and 1970

Continent and country	Average 1960-64	1969	1970	Continent and country	Average 1960-64	1969	1970
	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.
North America:				Europe—Continued			
British Honduras	11	6	1	Italy	48	107	90
Canada	85	75	67	Netherlands	104	136	144
Dominican Republic	45	131	114	Spain	71	132	118
French West Indies	33	29	41	United Kingdom	910	901	866
Mexico	260	173	425	Yugoslavia	74		
Panama	21	39	42	Total	1,526	1,630	1,792
Trinidad and Tobago	11	8	5				
Total	470	461	665	Asia:			
South America:				Israel	27	32	41
Brazil	52		1	Japan	90	405	441
Colombia	16			Philippines	10	32	26
Venezuela	228	233	441	Total	127	469	508
Total	296	233	442	Oceania:			
Europe:				Australia	57	69	63
Belgium and Luxembourg	41	33	53	Other countries	369	189	440
France	219	229	361	Grand total	2,845	3,051	3,919
Germany, West	59	92	160				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 425.—Beans, dry edible: United States exports by class and quantity, 1960-69

Year <sup>1</sup>	Navy or pea	Great northern	Other white	Pinto	Red kidney	Small red	Other colored	Seed	Total
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1960	640	69	71	523	128	90	218	58	1,797
1961	902	44	75	270	134	27	247	45	1,744
1962	1,113	122	189	169	294	4	204	51	2,146
1963	1,938	726	137	362	375	35	220	109	3,902
1964	1,550	346	143	173	296	14	349	70	2,941
1965	1,075	240	78	138	223		435	72	2,261
1966	2,044	630	143	164	167		441	65	3,654
1967	762	277	137	270	136		377	109	2,068
1968	1,166	331	439	202	64		439	166	2,737
1969	1,828	532	390	552	223		636	181	4,342

<sup>1</sup> Marketing year beginning September.<sup>2</sup> Four months only; not separately classified, beginning January 1965.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1944-50 in *Agricultural Statistics, 1967*, table 427.

Table 426.—Peas, dry field: Acreage, yield, production, season average price per hundredweight received by farmers, and value, United States, 1954-70 <sup>1</sup>

Year	Acreage planted	Acreage harvested	Yield per harvested acre (cleaned)	Production (cleaned)	Price <sup>2</sup>	Farm value
	1,000 acres	1,000 acres	Pounds	1,000 cwt.	Dollars	1,000 dollars
1954.....	279	259	1,200	3,107	5.01	15,536
1955.....	335	300	891	2,673	5.30	14,147
1956.....	387	366	1,362	4,984	4.57	22,745
1957.....	315	294	1,228	3,610	3.59	12,926
1958.....	248	223	1,195	2,665	4.90	12,998
1959.....	358	348	1,436	4,997	3.90	19,458
1960.....	325	301	1,088	3,274	4.10	13,429
1961.....	358	336	1,059	3,559	4.19	14,899
1962.....	357	343	1,480	5,075	4.46	22,626
1963.....	335	315	1,552	4,889	4.26	20,832
1964.....	314	297	1,643	4,880	3.76	18,350
1965.....	232	223	1,828	4,076	4.18	17,032
1966.....	252	239	1,557	3,721	4.55	16,930
1967.....	244	234	1,548	3,623	4.66	16,879
1968.....	254	244	1,527	3,725	4.82	17,947
1969.....	311	299	1,694	5,066	4.56	23,094
1970 <sup>3</sup> .....	316	290	1,363	3,951	4.34	17,134

<sup>1</sup> Data are for the States in which dry edible and seed peas are grown commercially in material quantities and do not include cowpeas nor Austrian winter peas.

<sup>2</sup> Obtained by weighting State prices by quantity sold.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 428

Table 427.—Peas, dry field: Acreage, yield, production, and season average price per hundredweight received by farmers, by States, 1968-70 <sup>1</sup>

State	Acreage planted			Acreage harvested			Yield per harvested acre (cleaned basis)		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds
Minnesota.....	8	8	9	6	6	7	1,150	1,450	1,100
North Dakota.....	4	4	3	3	2	2	1,300	1,300	950
Idaho.....	99	126	124	98	125	123	1,610	1,750	1,500
Washington.....	134	161	164	129	155	143	1,500	1,670	1,280
Oregon.....	9	12	16	8	11	15	1,300	1,600	1,200
United States.....	254	311	316	244	299	290	1,527	1,694	1,363

  

State	Production (cleaned basis)			Price for crop of—		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	Dollars	Dollars	Dollars
Minnesota.....	69	87	77	3.70	3.70	3.60
North Dakota.....	39	26	19	3.65	3.75	3.65
Idaho.....	1,578	2,188	1,845	4.90	4.55	4.40
Washington.....	1,935	2,589	1,830	4.80	4.60	4.30
Oregon.....	104	176	180	5.10	4.60	4.45
United States.....	3,725	5,066	3,951	4.82	4.56	4.34

<sup>1</sup> Estimates are for States in which dry edible and seed peas are grown commercially in material quantities and do not include cowpeas nor Austrian winter peas.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 428.—Peas, dry edible: Acreage, yield, and production in specified countries, average 1960-64, annual 1969 and 1970

Continent and country	Acreage			Yield per acre			Production		
	Average 1960-64	1969	1970	Average 1960-64	1969	1970	Average 1960-64	1969	1970
	1,000 acres	1,000 acres	1,000 acres	Pounds	Pounds	Pounds	1,000 cwt.	1,000 cwt.	1,000 cwt.
North America:									
Canada.....	60	73	86	1,122	1,052	1,133	678	768	970
United States.....	318	299	290	1,364	1,694	1,363	4,335	5,066	3,951
Total.....	378	372	376	1,326	1,568	1,311	5,013	5,834	4,920
South America:									
Argentina.....	47	45	49	1,046	1,047	811	496	476	399
Chile.....	40	27	27	502	570	570	199	154	154
Colombia.....	111	132	126	493	534	525	546	705	661
Venezuela.....	9	9	9	455	455	455	40	40	40
Total.....	207	213	211	619	646	594	1,281	1,375	1,254
Europe:									
Belgium and Luxembourg.....	17	12	11	2,976	2,534	2,584	506	311	292
France.....	27	13	31	1,933	2,441	2,978	517	320	935
Germany, West.....	11	4	4	1,849	2,250	2,400	211	90	97
Italy.....	33	19	20	690	895	915	225	174	183
Netherlands.....	56	30	31	3,243	2,974	2,714	1,829	885	855
Spain.....	76	42	35	689	682	892	525	287	309
Sweden.....	21	9	18	1,173			252	115	219
United Kingdom.....	33	56	73	2,446	2,048	1,995	797	1,147	1,450
Total.....	274	185	223	1,774	1,799	1,946	4,862	3,329	4,340
Asia:									
India.....	3,028	2,325	2,215	742	801	677	22,466	18,625	15,000
Japan.....	31	12	12	1,037	1,076	1,036	318	133	128
Turkey.....	7	8	8	946	1,150	1,100	66	93	88
Total.....	3,066	2,345	2,235	745	804	681	22,850	18,851	15,216
Africa:									
Morocco.....	149	138	138	489	650	650	727	904	900
Grand total.....	4,074	3,253	3,183	853	931	837	34,733	30,293	26,640

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 429.—Peas, dry field (cleaned basis): Production, by classes, United States, 1967-70<sup>1</sup>

Class	1967	1968	1969	1970 <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Alaska and other smooth green kinds.....	1,960	2,105	2,745	2,569
White Canadas, First and Best, and other smooth yellow and white kinds.....	653	570	889	732
Other.....	980	1,050	1,432	650
Total.....	3,623	3,725	5,066	3,951

<sup>1</sup> Cowpeas and Austrian winter peas are not included.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 430.—Peas, dry field (cleaned basis): Production, seed used, and farm disposition, United States, 1961-70 <sup>1</sup>

Crop of—	Pro- duction	Total used for seed	Disposition on farms where grown		Crop of—	Pro- duction	Total used for seed	Disposition on farms where grown	
			Used for seed	Sold from farms <sup>2</sup>				Used for seed	Sold from farms <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1961.....	3,559	505	112	3,447	1966....	3,721	382	91	3,630
1962.....	5,075	485	128	4,947	1967....	3,623	402	100	3,523
1963.....	4,889	461	125	4,764	1968....	3,725	483	125	3,600
1964.....	4,880	339	106	4,774	1969....	5,066	508	105	4,961
1965.....	4,076	377	98	3,978	1970 <sup>3</sup> ..	3,951	445	97	3,854

<sup>1</sup> Includes peas grown for seed and cannery peas harvested dry.

<sup>2</sup> Includes minor quantities lost and fed to livestock.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1941-60 in *Agricultural Statistics, 1967*, table 432.

Table 431.—Peas, dry field (cleaned basis): Production, seed used, and farm disposition, by States, crop of 1970 (preliminary) <sup>1</sup>

State	Production	Total used for seed	Disposition on farms where grown		State	Production	Total used for seed	Disposition on farms where grown	
			Used for seed	Sold from farms <sup>2</sup>				Used for seed	Sold from farms <sup>2</sup>
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Minnesota.....	77	11	9	68	Oregon.....	180	21	13	167
North Dakota.....	19	3	2	17	United States....	3,951	445	97	3,854
Idaho.....	1,845	175	7	1,838					
Washington.....	1,830	235	66	1,764					

<sup>1</sup> Includes peas grown for seed and cannery peas harvested dry.

<sup>2</sup> Includes minor quantities lost and fed to livestock.

Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes.

Table 432.—Peas, dry edible: International trade, average 1960-64, annual 1968 and 1969

Continent and country	Average 1960-64		1968		1969	
	Exports	Imports	Exports	Imports	Exports	Imports
North America:	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
Canada.....	137	41	361	25	322	19
United States.....	1,987	56	2,204	41	2,595	44
Total.....	2,124	97	2,565	66	2,917	63
South America:						
Argentina.....	64		5		94	
Brazil.....		104		134		104
Chile.....	12		3		1	
Venezuela.....		246		141		289
Total.....	76	354	8	275	95	393
Europe:						
Belgium and Luxembourg.....	405	324	396	511	393	518
France.....	156	120	177	312	532	375
Germany, West.....	44	1,144	123	682	75	725
Italy.....	7	193	14	474	12	500
Netherlands.....	1,474	569	908	3,624	846	7,823
Norway.....		151		150		156
Sweden.....	9	81		52		66
Switzerland.....	2	100		81	4	72
United Kingdom.....		1,724		1,470		1,829
Total.....	2,097	4,406	1,618	7,356	1,862	12,064
Asia:						
Japan.....		171		779		628
Africa:						
Morocco.....	396		226		161	
Grand total.....	4,693	5,028	4,417	8,476	5,035	13,148

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 433.—Peas, dry field: United States exports to specified countries, average 1960-64, annual 1969 and 1970

Continent and country	Average 1960-64	1969	1970	Continent and country	Average 1960-64	1969	1970
	1,000 cwt.	1,000 cwt.	1,000 cwt.		1,000 cwt.	1,000 cwt.	1,000 cwt.
North America:				Europe—Continued			
Canada.....	123	109	114	Italy.....	31	47	128
Mexico.....	8	16	21	Netherlands.....	145	230	106
Panama.....	19	12	51	Norway.....	38	28	341
Trinidad and Tobago.....	77	44	25	Sweden.....	43	14	24
Total.....	227	181	211	Switzerland.....	31	7	9
South America:				United Kingdom.....	803	817	788
Brazil.....	77	104	167	Total.....	1,388	1,299	1,783
Colombia.....	22	1	23	Asia:			
Peru.....	27	34	123	Hong Kong.....	9	13	13
Surinam.....	16	17	23	Israel.....	2	7	10
Venezuela.....	283	265	441	Japan.....	32	812	806
Total.....	425	421	777	Nansai and Nanpo Islands.....	1	3	3
Europe:				Philippines.....	6	12	23
Belgium and Luxembourg.....	40	36	17	Total.....	50	847	855
Denmark.....	15	32	14	Other countries.....	78	213	280
Germany, West.....	237	82	261	Grand total.....	2,168	2,961	3,906
Iceland.....	5	6	5				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 434.—Peas, dry field: United States exports by class and quantity, 1960-69

Year <sup>1</sup>	All peas and lentils <sup>2</sup>	Seed	Cowpeas and garbanzos	Alaska and smooth green	Yellow, white peas, and lentils
	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.	1,000 cwt.
1960.....	1,850	150	26	836	838
1961.....	2,035	171	40	995	829
1962.....	2,376	198	67	1,019	1,092
1963.....	2,423	214	53	1,158	998
1964.....	2,394	202	21	1,167	1,004
1965.....	2,503	257		1,068	1,268
1966.....	2,971	289		1,182	1,520
1967.....	2,653	253		1,061	1,339
1968.....	3,082	316		1,348	1,418
1969.....	4,002	289		1,721	1,992

<sup>1</sup> Marketing year beginning August.

<sup>2</sup> Includes dry peas, seed peas, cowpeas, garbanzos, lentils, Austrian winter peas, and blackeye and Mexican beans.

<sup>3</sup> Five months only; not separately classified, beginning January 1965.

<sup>4</sup> Beginning January 1965, also includes cowpeas, garbanzos, Austrian winter peas, and blackeye and Mexican beans.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1944-59 in *Agricultural Statistics, 1967*, table 436.

Table 435.—Broomcorn: Acreage, yield, production, season average price per ton received by farmers, and value, United States, 1954-70

Year	Acreage harvested	Yield per acre	Production	Price	Farm value	Year	Acreage harvested	Yield per acre	Production	Price	Farm value
	1,000 acres	Pounds	Tons	Dollars	1,000 dollars		1,000 acres	Pounds	Tons	Dollars	1,000 dollars
1954.....	251	217	27,230	364	10,401	1962.....	163	320	26,100	358	9,355
1955.....	200	220	28,000	364	10,401	1963.....	178	308	27,400	384	10,514
1956.....	315	278	43,800	223	9,735	1964.....	160	350	18,782		
1957.....	202	194	19,500	441	8,003	1965.....	159	263	30,800	363	7,556
1958.....	273	308	42,000	238	10,012	1966.....	176	366	32,300	320	10,341
1959.....	192	351	33,700	252	8,501	1967.....	128	312	20,000	367	7,341
1960.....	168	360	29,100			1968.....	108	273	14,700	419	6,158
1961.....	169	363	30,700	258	7,907	1969.....	111	299	16,600	422	7,001
	143	293	21,000	328	6,882	1970.....	106	320	17,000	389	6,616
	152	337	25,700	323	8,306	1970 <sup>1</sup> .....	97	304	14,800	426	6,299

<sup>1</sup> Preliminary.

Statistical Reporting Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1929-53 in *Agricultural Statistics, 1967*, table 437.

Table 436.—Broomcorn: Acreage, yield, production, and season average price per ton received by farmers, by States, 1968-70

State	Acreage harvested			Yield per acre			Production			Price for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	Acres	Acres	Acres	Pounds	Pounds	Pounds	Tons	Tons	Tons	Dollars	Dollars	Dollars
Oklahoma.....	32	31	25	360	370	350	5,800	5,700	4,400	450	420	470
Texas.....	22	15	14	320	430	470	3,500	3,200	3,300	410	420	400
Colorado.....	31	34	38	215	250	225	3,300	4,300	4,300	405	360	410
New Mexico.....	26	26	20	305	290	280	4,000	3,800	2,800	405	350	410
United States.....	111	106	97	299	320	304	16,600	17,000	14,800	422	389	426

<sup>1</sup> Preliminary.

Statistical Reporting Service.



**Table 437.—Cowpeas: Acreage, yield, production, season average price per bushel received by farmers, and value, United States, 1954-68**

Year	Acreage grown alone for all purposes	Acreage grazed, plowed under, etc. <sup>1</sup>	Cowpeas for peas <sup>1</sup>				
			Acreage harvested	Yield per acre	Production	Price <sup>2</sup>	Farm value
	1,000 acres	1,000 acres	1,000 acres	Bushels	1,000 bushels	Dollars	1,000 dollars
1954.....	785		868	4.4	1,180		
1954.....	890	584	267	5.1	1,355	4.53	6,211
1955.....	885	492	343	6.7	2,302	3.74	8,606
1956.....	897	659	211	6.7	1,406	3.60	5,201
1957.....	763	567	188	7.6	1,432	3.84	5,687
1958.....	647	467	179	8.7	1,552	4.56	7,210
1959.....	470		179	8.2	1,475		
1959.....	601	392	188	8.8	1,646	3.67	6,215
1960.....	485	325	140	9.1	1,268	4.03	5,202
1961.....	534	385	127	9.7	1,231	3.87	4,893
1962.....	612	430	129	8.1	1,046	3.85	4,153
1963.....	526	353	125	9.7	1,217	3.75	4,676
1964.....			79	8.2	648		
1964.....	462	337	89	8.8	782	4.26	3,380
1965.....	423		102	8.7	884	3.94	3,526
1966.....	432		87	9.6	833	4.03	3,418
1967.....	383		93	8.6	796	3.85	3,150
1968 <sup>3</sup> .....							

<sup>1</sup> For the data on cowpea hay, see table 394. Beginning 1965, estimates discontinued.<sup>2</sup> Obtained by weighting State prices by quantity sold.<sup>3</sup> Estimates discontinued.Statistical Reporting Service. Italic figures are Census of Agriculture returns from the Bureau of the Census. Data for 1929-53 in *Agricultural Statistics, 1967*, table 439.**Table 438.—Cowpeas for peas: Production, seed used, and farm disposition, United States, 1959-67**

Crop of—	Production	Total used for seed	Disposition on farms where grown			
			Used for seed	Fed to livestock	Home use	Sold from farms
	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels	1,000 bushels
1959.....	1,646	402	244	273	142	987
1960.....	1,268	393	218	178	103	769
1961.....	1,231	409	204	136	87	804
1962.....	1,046	349	175	109	82	680
1963.....	1,217	314	159	132	87	839
1964.....	782	259	120	81	61	520
1965.....	884	269	131	95	56	602
1966.....	833	269	140	100	58	535
1967.....	798	205	105	87	43	563
1968 <sup>1</sup> .....						

<sup>1</sup> Estimates discontinued.Statistical Reporting Service. Disposition of a given year's production regardless of time of actual disposition. Estimates of farm disposition represent portions of the crop used or to be used for the designated purposes on farms where produced and do not include purchases by farmers from others for such purposes. Data for 1944-58 in *Agricultural Statistics, 1967*, table 441.

Table 439.—Hops: Acreage, yield, production, value, Sept. 1 stocks, foreign trade, and consumption, United States, 1954-70

Year	Acreage in production	Yield per acre	Production <sup>1</sup>	Season average price per pound received by farmers <sup>2</sup>	Farm value	Stocks Sept. 1 <sup>3</sup>	Foreign trade, year beginning September		Consumption by breweries, year beginning September <sup>4</sup>
							Imports for consumption	Domestic exports	
	Acres	Pounds	1,000 pounds	Cents	1,000 dollars	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1954.....	27,500	1,581	43,477	40.6	17,644	26,030	4,565	12,218	33,773
1955.....	23,700	1,556	36,874	40.7	15,007	26,790	3,396	10,164	32,786
1956.....	24,200	1,586	38,383	45.4	17,426	22,830	3,761	16,011	31,409
1957.....	27,700	1,449	40,135	53.5	21,462	18,200	3,557	16,917	29,981
1958.....	33,400	1,449	48,407	56.3	27,248	14,860	5,253	18,445	29,888
1959.....	33,200	1,630	54,106	51.1	26,878	19,070	5,230	18,459	30,556
1960.....	29,200	1,675	45,976	46.9	21,395	25,770	5,405	17,441	29,613
1961.....	22,900	1,548	35,454	44.1	15,640	29,220	4,229	18,281	29,837
1962.....	29,300	1,510	44,231	47.4	20,947	19,500	5,510	20,460	30,628
1963.....	32,700	1,573	51,422	48.5	24,950	16,550	5,682	21,218	31,108
1964.....	32,600	1,637	53,378	47.2	25,178	19,100	6,467	22,613	31,087
1965.....	32,700	1,714	56,060	46.3	25,937	22,140	6,944	23,813	31,313
1966.....	32,200	1,721	55,418	46.7	25,872	24,710	8,281	22,222	30,182
1967.....	29,800	1,661	49,498	45.9	22,701	27,480	9,057	17,872	30,180
1968.....	28,400	1,540	43,733	47.2	20,459	26,770	10,453	16,976	29,022
1969.....	27,000	1,547	41,763	51.0	21,305	27,860	11,120	12,247	30,793
1970 <sup>5</sup> .....	27,700	1,656	45,863	56.0	25,681	27,950			

<sup>1</sup> Includes the following quantities not marketed because of economic conditions, fire losses, and/or provisions under terms of a marketing agreement (1,000 pounds): 1,518 in 1959, 324 in 1960, 1,063 in 1966, 1,809 in 1967, 177 in 1968, and 9 in 1969.

<sup>2</sup> Prices obtained by weighting State prices by quantity sold.

<sup>3</sup> Marketable hops held by brewers, dealers, and growers; in 1967, 1968, 1969, and 1970 does not include hops held in reserve under Federal Marketing Order 991.

<sup>4</sup> Used for fermented malt liquor. Records of the Internal Revenue Service.

<sup>5</sup> Preliminary.

Statistical Reporting Service and Economic Research Service. Foreign trade data from reports of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 443.

Table 440.—Hops: Acreage, yield, production, and season average price per pound received by farmers, by States, 1968-70

State	Acreage			Yield per acre			Production			Price for crop of—		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968 <sup>2</sup>	1969 <sup>2</sup>	1970 <sup>1,3</sup>	1968	1969	1970 <sup>1</sup>
	Acres	Acres	Acres	Lb.	Lb.	Lb.	1,000 pounds	1,000 pounds	1,000 pounds	Cents	Cents	Cents
Idaho.....	3,300	3,200	3,300	1,740	1,860	1,540	5,742	5,952	5,082	48.0	53.0	58.0
Washington.....	19,100	18,100	18,700	1,510	1,560	1,680	28,841	28,236	31,416	46.5	50.0	55.0
Oregon.....	4,500	4,200	4,300	1,480	1,250	1,670	6,660	5,250	7,181	48.0	52.0	58.0
California.....	1,500	1,500	1,400	1,660	1,550	1,560	2,490	2,325	2,184	52.0	56.0	59.0
United States.....	28,400	27,000	27,700	1,540	1,547	1,656	43,733	41,763	45,863	47.2	51.0	56.0

<sup>1</sup> Preliminary.

<sup>2</sup> Harvested production. Includes hops destroyed in kiln and warehouse fires after harvest and quantities placed in reserve under Federal Marketing Order 991.

<sup>3</sup> Total production. Quantities available for market will be governed by regulations issued under Federal Marketing Order 991.

Statistical Reporting Service.

Table 441.—Hops: United States exports by country of destination and imports by country of origin, average 1960-64, annual 1968 and 1969

Item and country	Year beginning September			Item and country	Year beginning September		
	Average 1960-64	1968	1969		Average 1960-64	1968	1969
U.S. exports:	1,000 pounds	1,000 pounds	1,000 pounds	U.S. exports—Continued	1,000 pounds	1,000 pounds	1,000 pounds
Canada.....	1,961	2,361	2,229	South Africa, Republic of.....	249	263	120
Brazil.....	1,995	2,152	2,525	Japan.....	524	507	366
Chile.....	468	421	224	Philippines.....	337	431	.....
Colombia.....	1,517	611	261	Other countries.....	969	1,131	932
Mexico.....	3,055	2,762	1,710	Total.....	20,003	16,976	12,247
Peru.....	546	492	288	U.S. imports:			
Venezuela.....	508	217	57	Belgium and Luxembourg.....	63	118	305
Other America.....	504	766	838	France.....	39	533	490
Belgium and Luxembourg.....	494	115	198	Germany, West.....	3,047	6,853	7,244
Czechoslovakia.....	1,478	491	.....	Yugoslavia.....	2,221	2,894	2,714
Denmark.....	362	224	106	Other countries.....	89	55	366
Germany, West.....	2,266	1,497	1,380	Total.....	5,459	10,453	11,110
Ireland.....	1,027	1,356	738				
Netherlands.....	359	332	58				
Switzerland.....	210	36	12				
Other Europe.....	774	821	205				

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 442.—Mung beans: Acreage, yield, production, season average price per pound received by farmers, and value, United States, 1954-67<sup>1</sup>

Year	Acreage planted	Acreage harvested	Yield per harvested acre	Production	Price	Farm value
	1,000 acres	1,000 acres	Pounds	1,000 pounds	Cents	1,000 dollars
1954.....	18	7	120	840	12.0	101
1955.....	38	25	280	7,000	7.0	490
1956.....	32	12	200	2,400	14.0	336
1957.....	28	20	350	7,000	6.5	455
1958.....	35	27	510	13,770	4.5	620
1959.....	25	13	290	3,770	3.5	132
1960.....	26	18	440	7,920	4.0	317
1961.....	35	22	335	7,370	5.0	368
1962.....	37	24	340	8,160	6.0	490
1963.....	35	23	400	9,200	5.0	460
1964.....	30	20	355	7,100	5.5	390
1965.....	33	24	390	9,360	5.0	468
1966.....	30	22	400	8,800	6.5	572
1967.....	46	34	400	13,600	6.0	816
1968 <sup>2</sup> .....	.....	.....	.....	.....	.....	.....

<sup>1</sup> Oklahoma only.<sup>2</sup> Estimates discontinued.Statistical Reporting Service. Data for 1942-53 in *Agricultural Statistics, 1967*, table 446.

Table 443.—Popcorn: Acreage, yield, production, season average price received by farmers, and value, United States, 1954-70<sup>1</sup>

Year	Acreage harvested	Yield per acre <sup>2</sup>	Production <sup>2</sup>	Price per 100 pounds of ear corn	Farm value
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	161,800	1,498	242,390	2.93	7,094
1955.....	154,700	1,611	249,235	3.07	7,661
1956.....	179,500	1,857	338,678	2.71	9,193
1957.....	148,450	1,751	259,904	2.58	6,716
1958.....	240,340	2,142	514,796	2.41	12,418
1959.....	144,400	1,987	286,906	2.47	7,080
1960.....	156,200	2,168	338,656	2.56	8,662
1961.....	205,500	2,427	498,740	2.66	13,281
1962.....	178,500	2,490	444,475	2.40	10,682
1963.....	107,600	2,482	267,040	2.33	6,229
1964.....	165,300	2,128	351,685	2.73	9,617
1965.....	205,300	2,525	518,447	2.97	15,419
1966.....	207,100	2,418	500,793	2.95	14,770
1967.....	161,850	2,687	434,942	3.01	13,071
1968.....	185,300	2,517	466,348	2.79	13,001
1969.....	181,500	3,007	545,685	2.53	13,833
1970 <sup>3</sup> .....	134,300	2,403	322,768	2.52	8,132

<sup>1</sup> In principal commercial producing States.<sup>2</sup> Ear corn; a bushel is 70 pounds.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 448.Table 444.—Popcorn: Acreage, yield, production, and season average price per 100 pounds received by farmers, by States, 1968-70<sup>1</sup>

State	Acreage harvested			Yield per acre <sup>2</sup>			Production <sup>2</sup>			Price <sup>3</sup> for crop of—		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Lb.</i>	<i>Lb.</i>	<i>Lb.</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Ohio.....	22,000	20,000	11,500	2,800	2,900	2,850	61,600	58,000	32,775	2.80	2.75	2.65
Indiana.....	38,000	38,000	37,000	2,600	3,000	2,400	98,800	114,000	88,800	2.80	2.70	2.70
Illinois.....	19,000	21,000	15,000	2,550	3,100	2,350	48,450	65,100	35,250	2.90	2.70	2.60
Michigan.....	3,800	2,700	2,400	2,660	2,300	2,480	10,108	6,210	5,952	2.70	2.60	2.80
Iowa.....	47,000	47,000	27,000	2,500	3,050	2,000	117,500	143,350	54,000	2.60	2.35	2.25
Missouri.....	9,500	6,000	5,000	2,400	2,900	2,100	22,800	17,400	10,500	2.80	2.30	2.35
Nebraska.....	23,000	25,000	19,000	2,500	3,200	2,700	57,500	80,000	51,300	2.90	2.40	2.20
Kansas.....	5,000	6,300	7,000	2,700	3,800	3,500	13,500	23,940	24,500	3.10	2.80	2.50
Kentucky.....	13,400	12,600	8,500	1,950	2,375	1,725	26,130	20,925	14,563	2.90	2.65	2.90
Other States <sup>4</sup> .....	4,600	2,900	1,900	2,165	2,676	2,646	9,960	7,760	5,028	2.96	2.94	3.02
United States.....	185,300	181,500	134,300	2,517	3,007	2,403	466,348	545,685	322,768	2.79	2.53	2.52

<sup>1</sup> In principal commercial producing States.<sup>2</sup> Preliminary.<sup>3</sup> Ear corn; a bushel is 70 pounds.<sup>4</sup> Maryland, Tennessee, Alabama, Oklahoma, Texas, and Colorado.

Statistical Reporting Service.

Table 445.—Peppermint and spearmint for oil, commercial crop: Acreage, yield, production, value per pound, and total value, United States, 1954-70

Year	Peppermint					Spearmint				
	Acreage for har- vest	Yield of oil per acre	Produc- tion of oil	Value <sup>1</sup>		Acreage for har- vest	Yield of oil per acre	Produc- tion of oil	Value <sup>1</sup>	
				Per pound	Total				Per pound	Total
	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>Acres</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>1,000 dollars</i>
1954.....	35,500	41	1,461	5.32	7,770	21,500	40	869	3.85	3,349
1955.....	43,600	44	1,938	5.83	11,305	14,300	41	593	4.22	2,503
1956.....	43,600	51	2,368	5.23	12,379	14,700	45	665	4.06	2,702
1957.....	48,700	49	2,363	4.18	9,875	12,900	44	562	3.49	1,962
1958.....	42,700	60	2,575	4.02	10,355	11,200	46	511	3.93	2,008
1959.....	41,300	60	2,472	3.49	8,628	14,700	56	824	4.09	3,367
1960.....	39,000	57	2,233	4.58	10,236	21,200	52	1,110	4.03	4,473
1961.....	43,300	62	2,670	4.50	12,024	25,000	64	1,588	3.73	5,918
1962.....	41,700	57	2,382	5.04	12,010	21,100	53	1,123	2.83	3,183
1963.....	43,400	55	2,387	4.74	11,305	12,400	57	707	3.06	2,166
1964.....	45,800	56	2,552	4.64	11,836	9,500	51	489	3.68	1,799
1965.....	43,700	61	2,667	5.46	14,575	10,400	55	570	4.99	2,847
1966.....	58,100	57	3,283	5.55	18,236	16,600	63	1,050	5.73	6,012
1967.....	64,200	71	4,571	5.53	25,289	21,100	77	1,632	5.50	8,971
1968.....	73,800	56	4,103	5.15	21,125	23,000	60	1,383	5.64	7,807
1969.....	77,600	39	4,602	4.78	22,011	27,300	63	1,728	4.99	8,625
1970 <sup>2</sup> .....	77,600	64	4,967	3.64	18,095	27,100	66	1,794	4.50	8,074

<sup>1</sup> F.o.b. basis.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1935-53 in *Agricultural Statistics, 1967*, table 450.

Table 446.—Peppermint and spearmint for oil, commercial crop: Acreage, production, and value per pound, by States, 1968-70

State	Acreage			Production			Value per pound of oil		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
<b>PEPPERMINT</b>									
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Indiana.....	6,300	6,500	8,300	220	224	315	7.80	6.60	4.50
Michigan.....	1,900	1,700	1,300	61	58	48	7.70	6.60	4.50
Wisconsin.....	6,300	7,200	8,200	271	313	443	7.70	6.70	4.50
Idaho.....	5,100	5,700	6,000	260	371	408	4.90	4.50	3.15
Washington.....	23,200	20,500	15,800	1,462	1,394	1,169	4.40	4.10	3.65
Oregon.....	31,000	36,000	38,000	1,829	2,232	2,584	5.00	4.75	3.45
Total or average.....	73,800	77,600	77,600	4,103	4,602	4,967	5.15	4.78	3.64
<b>SPEARMINT</b>									
Indiana.....	4,600	5,400	7,000	166	205	329	8.30	8.10	5.50
Michigan.....	3,000	4,200	5,200	93	160	198	8.70	8.60	5.40
Washington.....	15,400	17,700	14,900	1,124	1,363	1,267	5.00	4.10	4.10
Total or average.....	23,000	27,300	27,100	1,383	1,728	1,794	5.64	4.99	4.50

<sup>1</sup> Preliminary.

Statistical Reporting Service.

## CHAPTER VII

### STATISTICS OF CATTLE, HOGS, AND SHEEP

This chapter contains information about most kinds of farm livestock and live-stock products, with the exception of dairy and poultry. The information relates to inventories, production, disposition, prices, and income for farm animals, and to livestock slaughter (including horse slaughter), meat production, and market statistics for meat animals.

The term "on farms" as used in this chapter includes ranches. Estimated numbers do not include livestock not on farms.

The census enumerations in 1954 and 1959 were taken during October and November, and in 1964 during November and December. Marketings and slaughter of livestock as well as young stock born during the period between the census enumeration and January 1 can result in differences in the number on farms. For example, hog marketings and slaughter are seasonally large during the last 2 or 3 months of the year. As a result, the number on farms January 1 is substantially different from the census enumeration during earlier months.

Beginning in January 1, 1969, the date of the inventory estimate for all hogs and pigs was changed from January 1 to December 1 of the preceding year. Data are shown for both dates for one year—January 1, 1968 and December 1, 1967. Cattle inventory class estimates were changed from a sex and age basis to a sex and weight basis, beginning with January 1, 1970 estimates. Inventory class estimates are shown in both bases for the United States for the years 1965 through 1971, and by States for one year—January 1, 1970.

Tables showing the United States imports of meat subject to the Meat Import Act, and the number of mink pelts produced in the United States and major producing States, have been added to this chapter.

**Table 447.—All cattle: Number on farms and value, Jan. 1, United States, 1955-71<sup>1</sup>**

Year	All cattle			Year	All cattle		
	Number	Farm value			Number	Farm value	
		Per head	Total			Per head	Total
	Thousands	Dollars	1,000 dollars		Thousands	Dollars	1,000 dollars
1954 <sup>1</sup>	95,027			1963	104,488	142.00	14,820,708
1955	96,592	88.20	8,517,027	1964	107,903	127.00	13,687,672
1956	95,900	88.10	8,445,718	1964 <sup>2</sup>	105,877		
1957	92,860	91.60	8,509,481	1965	109,000	113.00	12,359,756
1958	91,176	120.00	10,913,416	1966	108,862	133.00	14,442,853
1959	93,322	153.00	14,299,985	1967	108,645	149.00	16,166,097
1959 <sup>3</sup>	92,534			1968	109,152	149.00	16,234,302
1960	96,236	137.00	13,149,812	1969	109,885	158.00	17,394,098
1961	97,700	134.00	13,124,434	1970	112,303	180.00	20,170,700
1962	100,369	140.00	14,013,086	1971 <sup>4</sup>	114,568	185.00	21,146,490

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.

<sup>2</sup> Italic figures are Census of Agriculture returns from the Bureau of the Census. Census dates were October-November, 1954 and 1959, and November-December, 1964.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1967-1954 in *Agricultural Statistics, 1967*, table 452.

#### FOOTNOTES FOR TABLE 450

<sup>1</sup> For cows and heifers kept for milk see tables 541 and 542.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes all heifer calves under 1 year old not kept for milk and all bull and steer calves under 1 year old.

Statistical Reporting Service.



Table 448.—All cattle and calves: Number on farms and value, by States, Jan. 1, 1969-71

State and division	Number			Farm value					
				Value per head			Total value		
	1969	1970	1971 <sup>1</sup>	1969	1970	1971 <sup>1</sup>	1969	1970	1971 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	148	145	141	206	225	235	30,488	32,625	33,135
New Hampshire.....	74	73	71	235	240	250	17,390	17,520	17,780
Vermont.....	355	351	351	252	255	270	89,460	89,505	94,770
Massachusetts.....	121	116	114	255	265	275	30,855	30,740	31,350
Rhode Island.....	13	13	12	265	275	285	3,354	3,575	3,540
Connecticut.....	123	121	119	265	265	265	32,595	32,065	33,320
New York.....	1,849	1,867	1,848	256	265	280	473,344	494,753	526,680
New Jersey.....	135	132	125	281	290	300	37,935	38,280	37,500
Pennsylvania.....	1,799	1,781	1,763	234	250	270	420,966	445,250	476,010
North Atlantic.....	4,617	4,599	4,544	246	258	276	1,136,387	1,184,315	1,254,085
Ohio.....	2,094	2,136	2,200	166	190	190	347,604	405,840	418,000
Indiana.....	1,899	1,918	1,937	157	185	180	298,143	354,530	348,660
Illinois.....	3,345	3,278	3,245	199	180	175	631,835	590,040	567,875
Michigan.....	1,439	1,468	1,527	191	210	225	274,849	308,280	343,575
Wisconsin.....	4,076	4,076	4,158	220	245	255	896,720	998,620	1,060,290
East North Central.....	12,853	12,876	13,067	183	206	210	2,349,171	2,637,610	2,738,400
Minnesota.....	3,958	3,958	3,998	172	200	200	680,776	791,600	799,600
Iowa.....	7,404	7,478	7,403	158	185	180	1,169,832	1,383,430	1,332,540
Missouri.....	4,748	4,940	4,989	152	170	175	721,096	839,800	873,075
North Dakota.....	2,025	2,066	2,100	170	185	195	344,250	402,870	427,050
South Dakota.....	4,366	4,410	4,498	165	190	190	720,300	837,900	854,620
Nebraska.....	6,330	6,330	6,457	159	185	180	1,006,470	1,171,030	1,162,290
Kansas.....	5,675	6,016	6,618	146	170	170	828,550	1,022,720	1,125,060
West North Central.....	34,506	35,198	36,153	159	183	182	5,471,964	6,449,370	6,574,205
Delaware.....	32	32	32	210	230	250	6,720	7,360	8,000
Maryland.....	418	426	430	206	230	235	86,108	97,990	101,050
Virginia.....	1,404	1,432	1,489	149	170	175	209,196	243,440	260,575
West Virginia.....	461	475	470	145	165	170	66,845	78,375	79,800
North Carolina.....	1,020	1,081	1,081	134	150	155	136,680	162,150	167,555
South Carolina.....	623	642	661	121	145	150	75,383	93,090	99,150
Georgia.....	1,870	1,889	2,002	124	140	155	231,880	264,460	310,310
Florida.....	1,809	1,827	1,864	142	160	165	256,878	292,320	307,560
South Atlantic.....	7,637	7,804	8,029	140	159	166	1,069,690	1,239,175	1,334,100
Kentucky.....	2,748	2,803	2,859	148	165	170	406,704	462,495	496,030
Tennessee.....	2,308	2,308	2,354	138	160	170	318,504	369,280	400,180
Alabama.....	1,896	1,953	1,973	120	135	150	227,520	263,655	295,950
Mississippi.....	2,415	2,487	2,537	124	150	160	299,460	373,050	405,920
Arkansas.....	1,719	1,805	1,787	124	145	160	213,156	261,725	285,920
Louisiana.....	1,722	1,705	1,705	121	140	165	208,362	238,700	281,325
Oklahoma.....	4,659	4,985	5,085	138	160	165	642,942	797,600	839,025
Texas.....	11,630	12,212	12,578	136	155	160	1,581,680	1,892,860	2,012,480
South Central.....	29,097	30,258	30,878	134	154	162	3,898,328	4,659,365	5,006,830
Montana.....	2,984	3,014	3,104	168	195	200	501,312	587,790	620,900
Idaho.....	1,668	1,701	1,735	156	185	195	260,208	314,685	338,325
Wyoming.....	1,447	1,447	1,461	163	185	195	235,861	267,695	284,895
Colorado.....	3,119	3,299	3,516	152	170	180	474,088	560,830	632,880
New Mexico.....	1,346	1,386	1,372	145	170	170	195,170	235,620	233,240
Arizona.....	1,206	1,302	1,289	151	165	165	182,106	214,830	212,685
Utah.....	785	824	840	160	185	195	125,600	152,440	163,800
Nevada.....	608	626	657	162	180	180	98,496	112,690	118,260
Washington.....	1,286	1,260	1,285	173	190	205	222,478	259,400	263,425
Oregon.....	1,577	1,593	1,609	153	175	185	241,281	278,775	297,665
California.....	4,902	4,861	4,771	182	200	215	892,164	972,200	1,025,765
Western.....	20,928	21,313	21,639	164	185	194	3,428,764	3,936,885	4,191,740
48 States.....	109,638	112,048	114,310	158	180	185	17,354,304	20,126,720	21,099,330
Alaska.....	8.6	9	9	227	240	280	1,932	2,160	2,340
Hawaii.....	238	246	249	159	170	180	37,842	41,820	44,620
United States.....	109,885	112,303	114,568	158	180	185	17,394,096	20,170,700	21,146,490

<sup>1</sup> Preliminary.

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Table 449.—All cows and heifers that have calved: Number on farms and value, by States, 1970 and 1971

State and division	Number		Value per head		Total value	
	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>
	Thousands	Thousands	Dollars	Dollars	1,000 dollars	1,000 dollars
Maine.....	76	75	315	320	23,940	24,000
New Hampshire.....	39	38	335	350	13,065	13,300
Vermont.....	211	213	340	355	71,740	75,615
Massachusetts.....	68	67	350	360	23,800	24,120
Rhode Island.....	9	8	350	370	3,150	2,960
Connecticut.....	70	68	360	370	25,200	25,160
New York.....	1,060	1,079	340	350	370,600	410,020
New Jersey.....	82	77	365	375	29,930	28,875
Pennsylvania.....	817	802	340	355	277,780	308,170
North Atlantic.....	2,462	2,427	341	376	839,205	912,820
Ohio.....	807	824	275	275	221,925	226,600
Indiana.....	673	678	250	245	168,250	166,110
Illinois.....	1,036	1,051	250	240	259,000	252,240
Michigan.....	587	599	305	335	179,035	200,665
Wisconsin.....	2,080	2,103	330	360	686,400	757,080
East North Central.....	5,183	5,255	292	305	1,514,610	1,602,695
Minnesota.....	1,473	1,517	290	300	427,170	455,100
Iowa.....	1,922	2,003	260	255	499,720	510,765
Missouri.....	2,252	2,260	215	215	484,180	485,900
North Dakota.....	1,090	1,101	235	240	256,150	264,240
South Dakota.....	1,871	1,908	230	230	430,330	438,840
Nebraska.....	2,021	2,100	230	230	464,830	483,000
Kansas.....	1,974	2,067	225	220	444,150	461,340
West North Central.....	12,003	12,966	239	239	3,006,530	3,099,185
Delaware.....	20	19	280	315	5,600	5,985
Maryland.....	223	224	305	310	68,015	69,440
Virginia.....	710	731	210	215	149,100	157,165
West Virginia.....	262	259	195	195	51,090	50,505
South Carolina.....	554	552	180	190	99,720	104,880
Georgia.....	955	1,003	170	180	162,350	180,540
Florida.....	1,069	1,110	180	185	192,420	205,350
South Atlantic.....	4,122	4,237	191	197	787,515	834,885
Kentucky.....	1,413	1,427	205	215	289,665	306,805
Tennessee.....	1,238	1,250	190	200	235,220	250,000
Alabama.....	1,033	1,049	160	170	165,280	178,330
Mississippi.....	1,458	1,476	170	175	247,850	255,300
Arkansas.....	1,025	1,017	170	180	174,250	183,060
Louisiana.....	1,059	1,056	160	180	169,440	190,080
Oklahoma.....	2,274	2,334	195	195	443,430	455,130
Texas.....	5,910	6,146	180	185	1,063,800	1,137,010
South Central.....	15,410	15,755	181	188	2,788,945	2,958,715
Montana.....	1,599	1,612	230	230	351,780	370,760
Idaho.....	729	755	240	245	174,960	184,975
Wyoming.....	723	713	215	225	155,445	160,425
Colorado.....	1,162	1,211	205	215	238,210	260,365
New Mexico.....	717	716	190	190	136,230	136,040
Arizona.....	416	396	195	210	81,120	83,160
Utah.....	410	428	225	235	92,250	100,590
Nevada.....	340	357	200	205	68,000	73,185
Washington.....	555	553	255	260	141,525	143,780
Oregon.....	775	783	215	225	166,625	176,175
California.....	1,669	1,712	280	300	467,330	513,600
Western.....	9,095	9,236	228	239	2,073,465	2,203,045
48 States.....	48,575	49,896	225	233	11,010,270	11,611,345
Alaska.....	4.1	4.2	315	340	1,292	1,428
Hawaii.....	103	102	220	220	22,660	22,440
United States.....	48,982	50,002	225	233	11,034,222	11,635,213

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 450.—Cattle and calves: Number on farms, by classes and States, Jan. 1, 1969 and 1970<sup>1</sup>

State and division	Beef cattle									
	Cows and heifers 2 years old and over		Heifers 1 to 2 years old		Calves <sup>1</sup>		Steers		Bulls	
	1969	1970 <sup>2</sup>	1969	1970 <sup>2</sup>	1969	1970 <sup>2</sup>	1969	1970 <sup>2</sup>	1969	1970 <sup>2</sup>
	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands	Thous- ands
Maine.....	9	9	3	3	6	3	3	2	1	1
New Hampshire.....	2	2	1	1	2	2	1	1	1	1
Vermont.....	5	6	2	2	4	4	2	2	4	4
Massachusetts.....	4	4	2	2	3	3	2	2	2	2
Rhode Island.....	1	1			1	1				
Connecticut.....	4	4	1	1	3	3	2	2	2	2
New York.....	57	62	23	26	31	32	33	37	21	21
New Jersey.....	8	8	4	4	4	4	5	4	2	2
Pennsylvania.....	101	100	40	39	92	93	246	246	34	34
North Atlantic.....	191	196	76	78	146	148	294	297	68	68
Ohio.....	325	360	130	136	498	511	353	360	32	32
Indiana.....	431	439	197	196	493	497	338	355	19	19
Illinois.....	762	744	351	351	906	873	729	732	33	33
Michigan.....	119	123	68	70	244	254	192	209	16	17
Wisconsin.....	226	239	117	118	248	269	232	236	41	40
East North Central.....	1,863	1,905	863	871	2,389	2,404	1,844	1,892	141	141
Minnesota.....	530	535	221	242	870	902	507	536	38	39
Iowa.....	1,392	1,443	664	695	2,776	2,812	1,545	1,548	74	75
Missouri.....	1,785	1,929	394	426	1,267	1,305	565	555	92	92
North Dakota.....	948	994	142	155	570	595	83	80	43	41
South Dakota.....	1,686	1,719	391	401	1,453	1,470	437	437	87	89
Nebraska.....	1,899	1,888	740	755	2,113	2,152	1,170	1,145	89	90
Kansas.....	1,754	1,839	488	529	2,278	2,382	749	866	74	78
West North Central.....	9,994	10,317	3,040	3,203	11,327	11,618	5,056	5,167	497	504
Delaware.....	5	5	2	2	2	2	1	1	1	1
Maryland.....	54	58	23	24	32	35	38	39	7	7
Virginia.....	484	499	101	105	292	303	118	130	17	17
West Virginia.....	196	207	35	37	88	91	36	37	9	10
North Carolina.....	333	371	106	112	167	185	67	72	22	23
South Carolina.....	236	268	87	95	148	156	34	34	20	21
Georgia.....	811	830	205	207	420	420	153	150	47	48
Florida.....	893	909	163	168	296	320	161	126	51	54
South Atlantic.....	3,032	3,147	692	715	1,445	1,512	608	589	174	181
Kentucky.....	1,005	1,087	236	241	614	646	257	214	37	39
Tennessee.....	922	954	211	214	490	471	121	115	42	42
Alabama.....	903	929	192	209	412	428	115	120	35	36
Mississippi.....	1,235	1,284	210	216	471	467	75	77	55	57
Arkansas.....	879	939	175	184	397	417	71	68	37	40
Louisiana.....	901	903	157	153	285	280	49	49	34	34
Oklahoma.....	2,070	2,174	404	436	1,408	1,537	434	499	79	81
Texas.....	5,570	5,737	1,049	1,101	3,346	3,636	814	855	290	307
South Central.....	13,485	14,007	2,634	2,754	7,423	7,912	1,936	1,997	609	636
Montana.....	1,555	1,589	303	301	872	873	112	111	68	69
Idaho.....	564	588	145	146	409	480	172	172	28	28
Wyoming.....	715	722	132	132	457	462	80	68	35	36
Colorado.....	995	1,082	463	488	851	894	572	578	56	60
New Mexico.....	690	708	136	147	303	315	135	136	24	25
Arizona.....	367	376	80	81	283	323	375	421	22	23
Utah.....	329	351	67	71	185	191	58	61	14	15
Nevada.....	326	336	60	66	151	154	30	28	15	16
Washington.....	378	373	117	116	296	281	163	160	24	22
Oregon.....	675	685	129	132	418	422	109	112	42	42
California.....	973	946	351	348	957	963	1,207	1,194	88	81
Western.....	7,567	7,756	1,983	2,028	5,242	5,398	3,013	3,041	416	418
48 States.....	36,132	37,328	9,288	9,649	27,972	28,992	12,751	12,983	1,905	1,948
Alaska.....	2.5	2.4	.7	.6	1.4	1.5	.8	1	.4	.5
Hawaii.....	92	92	24	25	61	65	32	34	6	7
United States.....	36,227	37,422	9,313	9,675	28,034	29,058	12,784	13,018	1,911	1,956

See footnotes on page 305.

Table 451.—Cattle and calves on farms Jan. 1: Number, by sex and weight classes, by States, 1970 and 1971

State and division	Cows and heifers that have calved				Heifers, 500 pounds and over					
	Beef cows		Milk cows		Beef cow replacements		Milk cow replacements		Other	
	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	9	9	67	66	3	3	26	25	4	3
New Hampshire.....	2	2	37	36	1	1	14	13	2	2
Vermont.....	6	8	205	205	2	3	65	62	5	4
Massachusetts.....	4	4	64	63	2	2	20	19	2	2
Rhode Island.....	1	1	8	7			2	2		
Connecticut.....	4	5	66	63			22	22	2	2
New York.....	60	61	1,030	1,018	20	21	336	336	45	44
New Jersey.....	8	9	74	68	3	3	17	17	5	5
Pennsylvania.....	97	97	720	705	35	35	228	228	65	66
North Atlantic.....	191	196	2,271	2,231	67	69	730	724	130	128
Ohio.....	350	375	457	449	96	103	139	142	117	128
Indiana.....	430	444	243	234	115	117	80	77	212	214
Illinois.....	728	750	308	301	131	129	98	91	361	329
Michigan.....	118	137	469	462	40	42	169	169	59	62
Wisconsin.....	234	257	1,846	1,846	90	95	654	667	139	143
East North Central.....	1,860	1,963	3,323	3,292	472	496	1,140	1,146	888	876
Minnesota.....	493	536	980	981	112	122	344	344	232	239
Iowa.....	1,414	1,517	508	496	222	230	163	156	830	790
Missouri.....	1,890	1,909	362	351	271	290	110	108	200	216
North Dakota.....	945	964	145	137	149	161	31	31	48	62
South Dakota.....	1,685	1,731	186	177	238	251	49	47	198	202
Nebraska.....	1,830	1,913	191	187	291	303	50	45	770	755
Kansas.....	1,770	1,899	204	198	265	304	60	58	481	512
West North Central.....	10,027	10,469	2,576	2,517	1,548	1,661	807	789	2,759	2,766
Delaware.....	5	4	15	15	1	1	4	4	1	1
Maryland.....	56	56	167	168	15	16	46	46	15	16
Virginia.....	487	511	223	220	107	110	69	67	27	31
West Virginia.....	200	202	62	57	43	42	15	14	10	11
North Carolina.....	365	367	189	185	97	99	55	54	32	36
South Carolina.....	262	274	67	65	64	62	17	17	15	15
Georgia.....	810	856	145	147	170	176	41	42	48	52
Florida.....	877	917	192	193	138	144	30	30	62	50
South Atlantic.....	3,062	3,187	1,060	1,050	635	650	277	274	210	212
Kentucky.....	1,065	1,087	348	340	225	229	95	89	74	74
Tennessee.....	931	948	307	302	189	186	93	91	58	61
Alabama.....	897	915	136	134	176	178	42	38	43	40
Mississippi.....	1,260	1,285	198	191	224	232	62	57	37	37
Arkansas.....	928	920	97	97	177	175	28	27	30	27
Louisiana.....	885	887	174	169	145	152	51	46	24	24
Oklahoma.....	2,124	2,188	150	146	364	357	45	45	175	173
Texas.....	5,556	5,791	354	355	733	754	98	101	623	634
South Central.....	13,646	14,021	1,764	1,734	2,233	2,263	514	494	1,064	1,072
Montana.....	1,555	1,570	44	42	252	265	12	12	70	73
Idaho.....	575	596	154	159	92	92	54	55	63	65
Wyoming.....	705	696	18	17	125	135	4	4	24	27
Colorado.....	1,060	1,110	102	101	185	196	35	35	366	347
New Mexico.....	681	681	36	35	83	87	10	10	73	76
Arizona.....	365	344	51	52	43	47	13	13	47	40
Utah.....	334	347	76	81	54	56	27	31	30	29
Nevada.....	326	343	14	14	55	52	5	5	21	19
Washington.....	365	361	190	192	77	85	54	56	60	66
Oregon.....	666	676	109	107	104	101	36	36	61	56
California.....	894	906	775	806	207	211	250	250	181	170
Western.....	7,526	7,630	1,569	1,606	1,277	1,327	500	507	996	968
48 States.....	36,312	37,466	12,563	12,430	6,232	6,456	3,968	3,934	6,047	6,022
Alaska.....	2.4	2.5	1.7	1.7	.7	.7	.6	.6		
Hawaii.....	90	89	13	13	20	15	5	4	18	23
United States.....	36,404	37,557	12,578	12,445	6,253	6,472	3,974	3,939	6,065	6,045

See footnotes at end of table.

Table 451.—Cattle and calves on farms Jan. 1: Number, by sex and weight classes, by States, 1970 and 1971—Continued

State and division	Steers, 500 pounds and over		Bulls, 500 pounds and over		Steers, heifers, and bulls, under 500 pounds	
	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	5	5	3	3	28	27
New Hampshire.....	2	2	1	1	14	14
Vermont.....	6	6	5	5	57	58
Massachusetts.....	2	2	2	2	20	20
Rhode Island.....					2	2
Connecticut.....	3	3	2	2	21	21
New York.....	42	37	26	24	308	307
New Jersey.....	5	4	2	2	18	17
Pennsylvania.....	270	272	40	40	320	320
North Atlantic.....	335	331	81	79	704	706
Ohio.....	409	418	41	44	527	541
Indiana.....	375	375	20	20	445	456
Illinois.....	813	805	49	48	790	792
Michigan.....	218	240	21	22	374	393
Wisconsin.....	245	273	44	45	824	832
East North Central.....	2,000	2,111	175	179	2,958	3,014
Minnesota.....	610	589	47	49	1,140	1,138
Iowa.....	1,759	1,665	81	85	2,610	2,474
Missouri.....	615	579	99	101	1,393	1,435
North Dakota.....	52	92	45	46	620	707
South Dakota.....	467	471	95	98	1,492	1,521
Nebraska.....	1,288	1,459	112	116	1,798	1,679
Kansas.....	1,337	1,538	88	94	1,811	2,015
West North Central.....	6,150	6,393	567	589	10,764	10,999
Delaware.....	1	1	1	1	4	5
Maryland.....	44	42	9	9	74	77
Virginia.....	146	158	25	25	348	367
West Virginia.....	38	37	11	11	96	96
North Carolina.....	74	65	32	32	237	243
South Carolina.....	37	37	22	23	158	168
Georgia.....	155	164	58	60	492	505
Florida.....	133	114	56	60	339	350
South Atlantic.....	628	618	214	221	1,718	1,817
Kentucky.....	227	223	48	51	721	766
Tennessee.....	134	131	51	52	545	588
Alabama.....	163	150	43	43	451	475
Mississippi.....	97	76	70	73	539	586
Arkansas.....	70	68	50	52	425	421
Louisiana.....	50	44	51	54	325	329
Oklahoma.....	533	468	100	103	1,494	1,603
Texas.....	1,343	1,365	318	328	3,187	3,250
South Central.....	2,619	2,525	731	756	7,687	8,013
Montana.....	130	130	81	81	870	931
Idaho.....	190	184	38	38	535	546
Wyoming.....	70	75	42	42	459	465
Colorado.....	588	723	63	64	900	940
New Mexico.....	149	146	33	34	321	303
Arizona.....	436	455	26	25	321	313
Utah.....	78	69	17	18	208	209
Nevada.....	36	40	17	18	152	166
Washington.....	165	186	24	24	325	315
Oregon.....	129	136	44	44	453	453
California.....	1,290	1,246	85	87	1,179	1,095
Western.....	3,252	3,390	470	475	5,723	5,736
48 States.....	15,044	15,368	2,238	2,290	29,644	30,335
Alaska.....	1	1	.5	.5	2.1	2.1
Hawaii.....	35	35	7	7	58	63
United States.....	15,080	15,404	2,245	2,306	29,704	30,400

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 452.—Cattle and buffalo: Number in specified countries, average 1961-65, annual 1969 and 1970

Continent and country	Month of estimate <sup>1</sup>	Average 1961-65	1969	1970 <sup>2</sup>	Continent and country	Month of estimate <sup>1</sup>	Average 1961-65	1969	1970 <sup>3</sup>
North America:					Europe—Con.				
Canada (excluding Newfoundland)		Thou-	Thou-	Thou-	Czechoslovakia	Jan. 1	4,466	4,249	4,223
Mexico	Dec. 1	11,332	11,475	11,828	Germany, East	Dec. 3	4,605	5,109	5,171
United States	Dec. 1	20,210	21,576	25,123	Hungary	Mar.	1,941	2,007	1,934
Puerto Rico	Jan.	103,892	109,885	112,303	Poland	June 30	9,697	11,049	10,844
Costa Rica	Jan. 1	482	507	521	Romania	Jan.	4,539	5,136	5,035
El Salvador	June 1	1,059	1,417	1,513	Yugoslavia	Jan. 15	5,509	5,305	5,075
Guatemala	May 1	1,199	1,410	1,440	Total Eastern Europe				
Honduras	Jan. 1	1,245	1,376	1,400			32,964	34,681	34,044
Nicaragua	Dec. 31	1,255	1,405	1,422	Total Europe		116,433	123,725	122,869
Panama	Jan.	1,299	2,215	2,353	U.S.S.R. (Europe and Asia)	Jan. 1	83,493	95,735	95,162
Dominican Republic	Jan.	860	1,157	1,188	Africa:				
Total		1,115	1,090	1,100	Tunisia	Dec. 31	558		
South America:					Malawi	Dec. 31	3,485	3,845	
Argentina	June 30	43,341	51,200	49,429	Botswana		1,295	1,441	
Brazil	Dec. 31	78,718	92,845	95,258	South Africa				
Chile	Dec.	2,850	2,860	2,820	Republic of Swaziland	June 30	12,514	11,780	11,682
Colombia	Oct.	15,780	19,576	20,359		Sept.	533	538	
Ecuador	Aug.	1,680	1,840	1,873	Total		124,478	133,829	134,007
Paraguay	July 1	5,350	5,529		Asia:				
Peru	July 1	3,461	3,700	3,600	Iran	Mar. 1	4,782	5,855	5,960
Uruguay	June 30	8,526	8,400	8,500	Turkey (Europe and Asia)	Dec. 31	13,783	15,018	14,367
Venezuela	Dec. 31	6,943	8,359	8,631	China (Taiwan)	Dec.	405	332	315
Total		168,937	196,427	198,154	Japan	Feb. 1	3,327	3,458	3,593
Europe:					Korea, Republic of	Dec. 31	1,218	1,210	1,225
Austria	Dec.	2,388	2,433	2,418	Philippines	Mar. 1	4,849	5,970	6,050
Belgium	Dec.	2,572	2,674	2,713	Thailand	Mar. 31	12,121		
Luxembourg	May	159	191	193	Vietnam, South	Dec. 31	1,938	1,600	
Denmark	Jan.	3,318	3,000	2,842	Total		405,551	446,101	447,379
Finland	Dec.	1,961	1,953	1,925	Oceania:				
France	Oct.	20,131	22,093	21,719	Australia	Mar.	18,357	20,598	22,162
Germany, West	Dec.	13,115	14,061	14,286	New Zealand	Jan.	6,646	8,605	8,839
Greece	Dec.	1,107	1,538	1,457	Total		25,335	29,611	31,411
Ireland	Jan.	4,320	5,086	5,229	World total		1,075,585	1,190,954	1,198,060
Italy	Jan.	9,292	10,070	9,612					
Netherlands	Jan.	3,415	3,768	3,953					
Norway	Dec.	1,094	999	987					
Portugal	Dec.	1,120	900	950					
Spain	Mar.	3,671	4,185	4,350					
Sweden	June	2,382	2,043	1,888					
Switzerland	Apr.	1,746	1,869	1,907					
United Kingdom	Dec.	11,610	12,094	12,295					
Total Western Europe		83,469	89,044	88,825					
Bulgaria	Jan.	1,687	1,396	1,332					

<sup>1</sup> Estimates for countries falling in October-December are shown in the following year for comparisons.<sup>2</sup> Preliminary.<sup>3</sup> 50 States.<sup>4</sup> Includes an allowance for missing data for countries shown and for other producing countries not shown.<sup>5</sup> Includes buffalo.<sup>6</sup> On native farms.<sup>7</sup> May not add due to rounding.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 453.—Calf crop: Number of calves born and number as percentage of cows 2 years old and over, by States 1968-70

State and division	1968		1969		1970 <sup>2</sup>	
	Number	Calves born as percent of cows and heifers 2 years old and over Jan. 1 <sup>1</sup>	Number	Calves born as percent of cows and heifers 2 years old and over Jan. 1 <sup>1</sup>	Number	Calves born as percent of cows and heifers 2 years old and over Jan. 1 <sup>1</sup>
	Thousands	Percent	Thousands	Percent	Thousands	Percent
Maine.....	73	84	74	86	72	86
New Hampshire.....	39	84	39	87	37	82
Vermont.....	199	83	201	85	198	85
Massachusetts.....	68	83	65	82	61	81
Rhode Island.....	7.9	79	7.6	84	7.4	82
Connecticut.....	65	81	65	82	63	82
New York.....	1,018	83	1,023	86	1,014	85
New Jersey.....	78	80	73	81	70	80
Pennsylvania.....	801	87	806	88	792	88
North Atlantic.....	2,349	84	2,354	86	2,314	86
Ohio.....	741	86	737	89	751	88
Indiana.....	640	89	642	91	653	92
Illinois.....	1,044	90	990	88	974	89
Michigan.....	558	87	565	90	564	89
Wisconsin.....	2,143	91	2,111	91	2,080	90
East North Central.....	5,126	89	5,045	90	5,022	90
Minnesota.....	1,478	87	1,475	88	1,473	91
Iowa.....	1,871	94	1,897	95	1,903	95
Missouri.....	2,009	91	2,065	94	2,139	92
North Dakota.....	1,036	91	1,038	93	1,088	95
South Dakota.....	1,770	95	1,805	95	1,834	96
Nebraska.....	1,960	92	1,951	92	1,961	95
Kansas.....	1,801	94	1,865	94	1,954	94
West North Central.....	11,925	92	12,096	93	12,352	94
Delaware.....	16	77	16	76	17	81
Maryland.....	299	87	212	89	212	88
Virginia.....	628	86	641	87	660	89
West Virginia.....	234	90	239	89	236	86
North Carolina.....	444	82	462	85	488	84
South Carolina.....	271	85	279	84	296	87
Georgia.....	782	83	819	85	850	87
Florida.....	774	73	848	78	887	80
South Atlantic.....	3,358	82	3,516	84	3,646	85
Kentucky.....	1,253	91	1,293	92	1,328	90
Tennessee.....	1,087	87	1,121	88	1,151	89
Alabama.....	864	84	900	85	909	84
Mississippi.....	1,203	83	1,248	85	1,283	85
Arkansas.....	815	85	869	88	912	87
Louisiana.....	904	83	923	84	911	83
Oklahoma.....	1,976	91	2,035	91	2,092	90
Texas.....	5,006	87	5,290	89	5,378	88
South Central.....	13,108	87	13,679	88	13,964	87
Montana.....	1,466	93	1,508	94	1,535	94
Idaho.....	664	94	691	94	714	94
Wyoming.....	661	90	676	92	665	90
Colorado.....	1,030	93	1,061	96	1,116	93
New Mexico.....	635	86	634	87	645	86
Arizona.....	345	80	350	83	341	79
Utah.....	364	91	374	91	390	88
Nevada.....	269	84	293	86	309	85
Washington.....	529	89	527	91	527	92
Oregon.....	722	89	723	91	736	92
California.....	1,614	87	1,588	87	1,569	88
Western.....	8,297	90	8,425	91	8,547	90
48 States.....	44,163	88	45,115	90	45,845	90
Alaska.....	3.6	82	3.7	84	3.6	84
Hawaii.....	72	69	78	73	77	72
United States.....	44,239	88	45,196	90	45,926	90

<sup>1</sup> Not strictly a calving rate. Figure represents calves born expressed as a percentage of the Jan. 1 inventory of cows and heifers 2 years old and over and not the number of all cows and heifers giving birth to calves during the year. <sup>2</sup> Preliminary.

Statistical Reporting Service.

## CATTLE AND CALVES

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Table 454.—All cattle and calves: Number on farms, by classes, United States, Jan. 1, 1955-70<sup>1</sup>

Year	Kept for milk				Beef cattle					
	Cows and heifers 2 years old and over	Heifers 1 to 2 years old	Heifer calves	Total	Cows and heifers 2 years old and over	Heifers 1 to 2 years old	Calves <sup>2</sup>	Steers	Bulls	Total
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1955.....	23,462	5,786	6,094	35,342	25,659	6,514	18,804	8,444	1,829	61,250
1956.....	22,912	5,407	5,890	34,209	25,371	6,206	18,869	9,483	1,762	61,691
1957.....	22,325	5,267	5,699	33,291	24,534	5,926	18,405	8,991	1,713	59,569
1958.....	21,265	5,126	5,571	31,962	24,165	5,903	18,275	9,252	1,619	59,214
1959.....	20,132	5,050	5,526	30,708	25,112	6,557	19,407	9,931	1,607	62,614
1960.....	19,527	5,079	5,575	30,181	26,344	7,036	20,425	10,574	1,676	66,055
1961.....	19,271	5,016	5,446	29,733	27,327	7,115	20,814	10,997	1,714	67,967
1962.....	18,963	4,887	5,264	29,114	28,691	7,446	22,300	11,103	1,715	71,255
1963.....	18,379	4,708	4,935	28,022	30,589	8,108	23,747	12,251	1,771	76,466
1964.....	17,647	4,395	4,692	26,734	32,794	8,612	25,243	12,669	1,851	81,169
1965.....	16,981	4,149	4,420	25,550	34,238	8,989	26,181	12,134	1,908	83,450
1966.....	15,987	3,800	4,151	23,938	34,453	8,925	26,879	12,749	1,878	84,864
1967.....	15,198	3,636	4,089	22,923	34,685	9,121	27,294	12,752	1,870	85,722
1968.....	14,644	3,579	4,028	22,251	35,405	9,328	27,559	12,712	1,897	86,901
1969.....	14,152	3,525	3,939	21,616	36,227	9,313	28,034	12,784	1,911	88,269
1970 <sup>1</sup> .....	13,838	3,469	3,867	21,174	37,422	9,675	29,058	13,018	1,956	91,129

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.<sup>2</sup> Includes all heifer calves under 1 year old not kept for milk and all bull and steer calves under 1 year old.<sup>3</sup> Preliminary.<sup>4</sup> Cattle and calves inventory class estimates on a sex and age basis were discontinued beginning with Jan. 1, 1971 estimates. See table 455 for the new series on a sex and weight basis.Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 456.

Table 455.—All cattle and calves: Number on farms, by classes, United States, Jan. 1, 1965-71

Year	Cows and heifers that have calved		500 pounds and over					Under 500 pounds
			Heifers			Steers	Bulls	Steers, heifers, and bulls
	Beef cows	Milk cows	Beef cow replacements	Milk cow replacements	Other			
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1965.....	33,400	15,380	5,700	4,780	5,980	14,050	2,180	27,530
1966.....	33,500	14,490	5,780	4,450	5,990	14,770	2,150	27,752
1967.....	33,740	13,770	5,810	4,220	6,090	14,750	2,140	28,125
1968.....	34,460	13,250	5,940	4,120	6,010	14,700	2,170	28,502
1969.....	35,250	12,835	6,020	4,040	5,900	14,850	2,190	28,800
1970.....	36,404	12,578	6,253	3,974	6,065	15,080	2,245	29,704
1971.....	37,557	12,445	6,472	3,939	6,045	15,404	2,306	30,400

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 456.—Cattle and calves: Number on feed, United States, Jan. 1, 1955-71<sup>1</sup>

Year	Number	Year	Number	Year	Number	Year	Number
	Thousands		Thousands		Thousands		Thousands
1955.....	5,795	1960.....	7,574	1965.....	9,979	1970.....	13,190
1956.....	5,929	1961.....	8,048	1966.....	10,582	1971 <sup>1</sup> .....	12,762
1957.....	6,122	1962.....	8,520	1967.....	11,268		
1958.....	5,898	1963.....	9,702	1968.....	11,417		
1959.....	6,601	1964.....	9,845	1969.....	12,534		

See footnotes on page 314.

Table 457.—Cattle and calves: Number on feed, by States, Jan. 1, by quarters, 1970 and 1971<sup>1</sup>

State	1970				1971	
	Jan. 1	Apr. 1	July 1	Oct. 1	Jan. 1	Apr. 1
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Pennsylvania.....	88	78	53	53	92	79
Ohio.....	318	294	206	174	308	285
Indiana.....	349	326	261	227	328	293
Illinois.....	755	733	580	500	649	601
Michigan.....	210	209	150	130	225	209
Wisconsin.....	146	140	118	107	150	137
Minnesota.....	589	570	516	476	548	530
Iowa.....	2,213	2,245	1,878	1,633	1,992	2,043
Missouri.....	402	365	255	235	342	318
North Dakota.....	63	53	40	28	45	54
South Dakota.....	361	342	275	282	339	342
Nebraska.....	1,477	1,397	1,189	1,270	1,422	1,312
Kansas.....	862	757	731	810	916	780
Oklahoma.....	223	192	217	229	236	242
Texas.....	1,417	1,243	1,353	1,418	1,480	1,563
Montana.....	115	87	73	74	130	120
Idaho.....	230	222	202	185	222	215
Colorado.....	795	748	774	830	862	865
New Mexico.....	209	194	183	173	165	163
Arizona.....	510	454	433	416	524	497
Washington.....	155	142	146	141	141	165
Oregon.....	96	65	52	70	80	62
California.....	1,031	759	951	960	1,001	856
22 States <sup>2</sup> .....	12,581	11,562	10,598	10,393	12,182	11,677
23 States.....	12,644	11,615	10,638	10,421	12,197	11,731
New York.....	15	.....	.....	.....	11	.....
Maryland.....	20	.....	.....	.....	20	.....
Virginia.....	35	.....	.....	.....	46	.....
North Carolina.....	43	.....	.....	.....	49	.....
South Carolina.....	15	.....	.....	.....	16	.....
Georgia.....	59	.....	.....	.....	59	.....
Florida.....	61	.....	.....	.....	57	.....
Kentucky.....	53	.....	.....	.....	48	.....
Tennessee.....	26	.....	.....	.....	29	.....
Alabama.....	38	.....	.....	.....	35	.....
Mississippi.....	20	.....	.....	.....	18	.....
Arkansas.....	16	.....	.....	.....	17	.....
Louisiana.....	10	.....	.....	.....	9	.....
Wyoming.....	31	.....	.....	.....	35	.....
Utah.....	57	.....	.....	.....	68	.....
Nevada.....	47	.....	.....	.....	45	.....
16 States.....	546	.....	.....	.....	559	.....
39 States.....	13,190	.....	.....	.....	12,756	.....

<sup>1</sup> Cattle and calves on feed are animals being fattened for slaughter market on grain or other concentrates and are expected to produce a carcass that will grade Good or better.

<sup>2</sup> Excludes North Dakota.

Statistical Reporting Service.

#### FOOTNOTES FOR TABLE 456

<sup>1</sup> Animals being fattened for slaughter market on grain or other concentrates and expected to produce a carcass that will grade Good or better. For the years 1955 through 1959, data include 26 feeding States. In 1960 and 1961, data are for 37 States, the 26 for earlier years, plus 11 Southeastern States which had 362,000 head for each year. For 1962-71, data shown are for 39 States including the 37 above, plus Maryland and New York. These 13 additional States accounted for the following number on Jan. 1 in the designated years (1,000 head): 454 in 1962, 450 in 1963, 448 in 1964, 467 in 1965, 466 in 1966, 437 in 1967, 439 in 1968, 433 in 1969, 411 in 1970, and 411 in 1971.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 457.

Table 458.—Cattle and calves: Production, disposition, cash receipts, and gross income, United States, 1961-70<sup>1</sup>

Year	Calf crop <sup>2</sup>	Death loss		Marketings <sup>3</sup>		Cattle shipped in for feeding and breeding	Farm slaughter <sup>4</sup>	
		Cattle	Calves	Cattle	Calves		Cattle	Calves
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1961.....	40,180	1,532	2,486	35,138	11,898	14,761	839	379
1962.....	41,441	1,583	2,542	36,403	12,182	16,583	831	363
1963.....	42,268	1,560	2,480	37,863	11,918	16,182	842	371
1964.....	43,809	1,595	2,637	40,280	12,552	15,595	864	378
1965.....	43,928	1,641	2,607	43,483	12,603	17,464	828	368
1966.....	43,526	1,612	2,426	45,096	12,395	18,447	447	214
1967.....	43,765	1,525	2,513	44,725	12,308	18,430	617	.....
1968.....	44,239	1,807	2,479	45,850	12,514	19,402	558	.....
1969.....	45,196	1,541	2,609	45,611	12,424	19,893	486	.....
1970 <sup>5</sup> .....	45,926	1,593	2,725	46,667	12,074	19,861	463	.....

  

Year	Quantity produced (live weight) <sup>6</sup>	Value of production <sup>6</sup>	Cash receipts from sales of cattle, calves, beef, and veal <sup>7</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>8</sup>	Cost of cattle shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
							Cattle	Calves
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1961.....	29,902,443	6,070,407	7,559,860	161,261	7,721,121	2,250,914	20.20	23.70
1962.....	30,774,859	6,610,063	8,182,185	168,584	8,350,760	2,626,852	21.30	25.10
1963.....	32,776,777	6,592,159	8,113,174	163,912	8,277,086	2,440,412	19.90	24.00
1964.....	34,836,138	6,286,449	7,784,946	153,937	7,938,883	1,935,512	18.00	20.40
1965.....	34,002,508	6,751,957	8,941,775	161,277	9,103,052	2,392,942	19.80	22.00
1966.....	35,020,180	7,863,300	10,431,423	184,391	10,615,814	2,925,286	22.29	26.00
1967.....	35,932,105	8,076,741	10,478,240	174,952	10,653,192	2,862,909	22.30	26.30
1968.....	36,367,957	8,579,704	11,241,199	180,600	11,421,799	3,141,566	23.40	27.60
1969.....	37,141,941	9,859,578	12,566,451	207,507	12,773,958	3,620,794	26.20	31.50
1970 <sup>5</sup> .....	39,449,857	10,922,684	12,662,443	243,602	13,006,045	3,692,042	27.10	34.50

<sup>1</sup> Includes Alaska and Hawaii.<sup>2</sup> Calves born during the year.<sup>3</sup> Excludes interfarm sales.<sup>4</sup> Beginning 1966, farm slaughter excludes animals custom slaughtered for farmers at commercial establishments.<sup>5</sup> Preliminary.<sup>6</sup> Adjustments were made for cattle shipped in and changes in inventory.<sup>7</sup> Includes receipts from marketings and from sales of farm-slaughtered meat.<sup>8</sup> Cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 461.

Table 459.—Cattle and calves: Average price per 100 pounds, by grades, at Omaha, 1961-70

Year	Steers <sup>1</sup>			Heifers <sup>1</sup>			Cows	
	Prime	Choice	Good	Prime	Choice	Good	Commercial	Utility
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1961.....	25.23	23.79	22.81	24.41	23.69	22.52	16.44	15.65
1962.....	28.30	26.45	24.80	27.17	26.20	24.40	16.35	15.37
1963.....	24.03	23.21	22.30	23.53	22.94	21.90	15.64	14.73
1964.....	23.38	22.21	20.85	22.82	22.02	20.64	13.73	13.24
1965.....	26.69	25.12	23.33	25.13	24.15	22.42	15.07	14.44
1966.....	26.31	25.69	24.54	25.40	24.84	23.62	18.44	17.53
1967.....	26.10	25.27	24.12	25.36	24.64	23.45	17.22	17.22
1968.....	27.86	26.83	25.46	26.82	26.02	24.61	17.65	17.94
1969.....	30.67	29.66	27.95	29.31	28.45	26.71	19.99	20.29
1970.....	30.02	29.34	27.91	29.26	28.56	27.28	20.94	21.32

<sup>1</sup> Weighted average price, sold out of first hands.

Consumer and Marketing Service.

Table 460.—Cattle and calves: Production, disposition, cash receipts, and gross income, by States, 1970 (preliminary)

State and division	Marketings <sup>1</sup>		Cattle shipped for feeding and breeding	Farm slaughter and calves <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of calves, beef, and veal <sup>5</sup>	Value of cattle and calves slaughtered for home consumption	Gross income <sup>6</sup>	Cost of cattle raised in for feeding and breeding
	Cattle	Calves								
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	34	17	2	2	33,400	8,000	8,000	4,805	4,805	918
New Hampshire.....	27	13	2	2	26,600	6,719	6,719	3,867	3,867	448
New York.....	67	31	16	2	68,840	14,322	16,174	7,445	16,919	3,674
Massachusetts.....	30	39	13	1	22,660	5,031	7,304	340	7,644	2,965
Rhode Island.....	4	4	1	1	2,957	650	7,991	65	1,056	232
Connecticut.....	38	4	7	1	23,060	5,199	6,565	315	8,880	1,621
New Jersey.....	321	620	33	10	364,060	86,982	92,900	4,116	97,016	7,658
New York.....	31	46	10	2	28,090	6,841	9,385	825	10,210	2,389
Pennsylvania.....	416	396	120	22	397,404	106,403	125,583	9,083	134,910	26,918
North Atlantic.....	945	1,328	206	41	966,861	236,738	271,330	16,562	287,892	45,933
Ohio.....	779	93	310	16	655,338	176,015	207,905	9,602	217,507	62,403
Indiana.....	711	37	198	15	632,450	172,360	195,140	8,861	204,001	38,903
Illinois.....	1,736	27	884	13	1,214,611	334,442	484,268	11,552	495,820	170,294
Michigan.....	434	80	114	19	447,825	117,862	114,732	11,246	125,978	22,190
Wisconsin.....	777	1,022	81	30	1,036,878	251,718	230,039	18,161	248,200	14,286
East North Central.....	4,437	1,259	1,587	93	3,987,102	1,032,397	1,232,084	59,422	1,291,506	308,036
Minnesota.....	1,789	196	782	30	1,511,750	389,554	492,193	17,884	510,077	134,191
Iowa.....	1,111	111	3,200	13	2,935,909	833,836	1,413,453	12,171	1,425,624	624,000
Missouri.....	1,648	601	358	14	1,631,264	463,647	513,109	8,611	1,521,720	71,439
North Dakota.....	1,575	311	52	13	1,722,420	201,744	182,833	7,321	190,154	8,383
South Dakota.....	1,839	187	435	11	1,765,708	485,632	528,940	8,108	536,045	26,945
Nebraska.....	3,525	150	2,014	6	2,636,500	747,321	1,062,015	3,949	1,066,015	30,945
Kansas.....	3,260	45	2,184	8	2,483,200	686,268	1,062,015	3,949	1,066,015	410,048
West North Central.....	17,480	1,601	8,975	95	13,706,801	3,814,932	5,145,150	64,556	5,209,706	1,716,910
Delaware.....	7	7	26	1	9,205	2,356	2,099	355	2,454	4,901
Maryland.....	321	118	7	4	107,909	26,988	31,338	2,072	94,578	1,173
Virginia.....	35	213	7	6	414,805	102,900	92,356	1,991	100,347	1,543
West Virginia.....	285	118	10	12	121,930	30,780	30,780	1,493	32,271	1,190
South Carolina.....	138	210	1	4	163,330	45,318	45,318	1,629	42,555	183
Georgia.....	378	281	1	6	520,470	137,280	117,655	2,568	132,630	30,104
Florida.....	372	583	166	6	466,920	133,499	150,835	2,785	153,630	38,394
South Atlantic.....	1,605	1,551	211	45	2,054,498	546,329	527,084	17,721	544,805	38,394

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Kentucky.....	871	478	207	8	845,752	235,248	238,039	3,758	261,797	38,419
Tennessee.....	607	404	15	9	409,534	186,093	187,097	3,352	191,404	12,604
Alabama.....	501	601	15	8	556,644	158,905	156,967	2,685	159,352	2,025
Mississippi.....	408	429	40	4	736,918	207,777	207,126	1,355	208,481	5,292
Arkansas.....	340	507	59	8	539,965	153,881	161,033	3,267	164,300	7,892
Louisiana.....	448	507	35	11	492,186	143,121	143,804	3,600	147,404	4,116
Oklahoma.....	2,416	448	1,033	11	1,922,793	540,282	678,402	7,384	685,786	14,765
Texas.....	5,354	696	1,401	25	4,435,528	1,231,491	1,382,740	11,170	1,393,919	294,929
South Central.....	10,038	4,117	2,880	84	10,233,346	2,858,771	3,175,517	36,571	3,212,088	510,422
Montana.....	881	531	106	13	1,073,908	310,849	308,410	6,241	314,651	21,306
Idaho.....	664	126	189	11	614,203	108,886	187,311	5,413	192,724	35,245
Wyoming.....	603	163	214	5	453,413	131,316	163,402	1,973	165,375	39,162
Colorado.....	2,597	122	1,932	8	1,641,209	485,220	775,403	4,580	779,983	137,280
New Mexico.....	1,236	192	832	5	639,119	184,927	316,567	1,583	318,150	137,280
Arizona.....	1,104	122	922	4	375,411	175,688	317,372	1,482	315,809	139,453
Utah.....	248	112	41	4	275,411	75,688	77,312	2,189	79,701	9,360
Nevada.....	248	112	41	4	198,250	56,691	52,376	1,049	53,425	3,260
North Dakota.....	329	141	48	20	403,830	113,018	107,689	9,216	116,905	9,475
Washington.....	485	203	63	16	554,303	149,756	149,408	7,423	156,831	11,796
Oregon.....	2,905	225	1,628	14	2,006,894	554,077	835,254	7,052	842,306	302,564
California.....	485	203	1,628	14	2,006,894	554,077	835,254	7,052	842,306	302,564
Western.....	11,199	2,116	6,001	103	8,449,504	2,399,587	3,297,210	48,263	3,345,482	1,071,661
48 States.....	46,604	12,072	19,860	461	39,388,112	10,908,754	13,648,384	243,095	13,891,479	3,691,376
Alaska.....	62	7	1	1	1,635	445	330	109	439	666
Hawaii.....	62	7	1	1	57,010	12,790	13,003	398	13,401	666
United States.....	46,667	12,074	19,861	463	39,449,857	10,922,684	13,662,443	243,602	13,905,045	3,692,042

\* Excludes interfarm sales, but includes animals custom slaughtered for use on farms where produced.  
 \* Cash receipts from sales of cattle, calves, beef, and veal plus value of cattle and calves slaughtered for home consumption.  
 \* Adjustments were made for cattle shipped in and changes in inventory.  
 Statistical Reporting Service.



## CATTLE, HOGS, AND SHEEP, 1971

Table 461.—Cattle and calves: Total receipts at public stockyards, 1961-70<sup>1</sup>

Year	Chicago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total, 9 markets <sup>2</sup>	All others reporting	Total markets reporting <sup>2,3</sup>
Cattle												
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1961.....	1,972	837	560	1,482	2,029	779	841	1,183	1,579	11,261	6,886	18,147
1962.....	1,665	787	412	1,471	2,038	746	831	1,149	1,582	10,681	6,995	17,676
1963.....	1,607	733	353	1,324	2,028	685	846	1,099	1,379	10,054	6,994	17,048
1964.....	1,647	689	316	1,351	2,193	773	855	1,223	1,434	10,481	7,475	17,956
1965.....	1,524	799	282	1,175	2,083	736	807	1,190	1,390	9,986	7,729	17,715
1966.....	1,378	520	236	1,067	2,019	679	790	1,204	1,279	9,172	7,301	16,473
1967.....	1,285	208	210	945	1,849	621	789	1,238	1,214	8,359	8,214	16,573
1968.....	1,148	157	195	841	1,675	563	805	1,253	1,205	7,842	8,864	16,706
1969.....	1,080	109	170	717	1,419	492	781	1,125	982	6,875	8,435	15,310
1970.....	923	61	141	600	1,322	422	709	953	934	6,065	9,490	15,555
Calves												
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1961.....	14	86	100	137	67	89	27	344	165	1,030	1,793	2,823
1962.....	7	76	110	179	75	82	25	304	201	1,060	1,684	2,744
1963.....	4	69	110	131	77	64	18	271	165	910	1,641	2,551
1964.....	5	72	106	161	100	69	19	333	166	1,031	1,577	2,608
1965.....	4	57	105	109	87	61	17	351	165	956	1,533	2,489
1966.....	3	40	112	83	76	41	18	305	163	841	1,294	2,135
1967.....	2	38	122	77	80	33	24	313	156	845	1,115	1,960
1968.....	1	47	121	78	56	31	22	256	123	735	858	1,593
1969.....	32	122	60	40	33	23	199	78	587	873	1,460	1,460
1970.....	8	110	52	34	33	26	140	39	442	747	1,189	1,189

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards. Beginning January 1962, truck receipts discontinued.

<sup>2</sup> Rounded totals of the complete figures.

<sup>3</sup> The number of stockyards varies from 39 to 68.

Consumer and Marketing Service. Compiled from reports received from stockyard companies. Data for 1950-60 in *Agricultural Statistics, 1967*, table 465.

Table 462.—Cattle and calves: Number slaughtered, United States, 1955-70<sup>1</sup>

Year	Cattle slaughter					Calf slaughter				
	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>2</sup>			Federally inspected	Other	Total <sup>2</sup>		
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands
1955.....	19,055	6,667	25,722	865	26,587	7,499	4,878	12,377	487	12,864
1956.....	20,186	6,676	26,862	893	27,755	7,843	4,669	12,512	487	12,999
1957.....	19,454	6,778	26,232	836	27,068	7,324	4,580	11,904	449	12,353
1958.....	17,642	5,913	23,555	813	24,368	5,672	3,643	9,315	423	9,738
1959.....	17,459	5,472	22,931	792	23,723	4,875	2,808	7,683	389	8,072
1960.....	19,394	5,830	25,224	805	26,029	5,260	2,965	8,225	390	8,615
1961.....	19,968	5,666	25,635	836	26,471	5,005	2,696	7,701	379	8,080
1962.....	20,339	5,745	26,083	828	26,911	4,980	2,515	7,494	363	7,857
1963.....	21,662	5,570	27,232	838	28,070	4,535	2,298	6,833	371	7,204
1964.....	25,133	5,685	30,818	860	31,678	4,820	2,434	7,254	378	7,632
1965.....	26,614	5,733	32,347	824	33,171	5,076	2,344	7,420	368	7,788
1966.....	27,319	6,408	33,727	444	34,171	4,432	2,215	6,647	214	6,861
1967.....	27,780	6,089	33,869	426	34,295	4,002	1,917	5,919	188	6,107
1968.....	29,592	5,434	35,026	388	35,414	3,876	1,567	5,443	170	5,613
1969.....	30,536	4,700	35,237	337	35,574	3,637	1,226	4,863	147	5,010
1970.....	30,793	4,232	35,025	329	35,354	3,024	1,048	4,072	132	4,204

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.

<sup>2</sup> Totals are based on unrounded numbers.

<sup>3</sup> Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.

Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 466.

## CATTLE AND CALVES

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Table 463.—Cattle and calves: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers (live weight), 1961-70<sup>1</sup>

Year	Cattle			Calves		
	Number slaughtered	Average live weight	Average cost per 100 pounds	Number slaughtered	Average live weight	Average cost per 100 pounds
	Thousands	Pounds	Dollars	Thousands	Pounds	Dollars
1961.....	19,968	1,043	21.41	5,005	209	23.12
1962.....	20,339	1,027	22.95	4,980	205	24.29
1963.....	21,662	1,046	21.10	4,535	200	23.24
1964.....	25,133	1,041	19.71	4,820	204	19.87
1965.....	26,614	1,016	21.37	5,076	203	20.99
1966.....	27,319	1,031	23.36	4,432	201	25.51
1967.....	27,780	1,039	23.44	4,002	191	25.95
1968.....	29,592	1,030	24.63	3,876	195	27.40
1969.....	30,536	1,030	27.25	3,637	197	30.91
1970.....	30,793	1,049	27.70	3,024	190	33.06

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands. In recent years, the carcass weight of cattle has averaged about 59 percent of the live weight, and for calves 56 percent of the live weight.

Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 467.

Table 464.—Cattle and calves: Number slaughtered commercially, total and average live weight, by States, 1970<sup>1</sup>

State	Cattle			Calves		
	Number slaughtered	Total live weight	Average live weight	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds	Thousands	1,000 pounds	Pounds
New England <sup>2</sup> .....	164.1	180,241	1,098	235.3	25,692	109
New York.....	373.0	413,042	1,107	732.5	82,853	113
New Jersey.....	326.4	414,090	1,269	340.9	84,000	246
Pennsylvania.....	745.5	841,645	1,129	374.4	50,165	134
Ohio.....	1,066.0	1,090,133	1,023	57.3	11,247	196
Indiana.....	588.5	594,119	1,010	44.8	9,101	203
Illinois.....	1,349.0	1,379,913	1,023	181.2	34,404	190
Michigan.....	664.5	709,474	1,068	125.8	20,990	167
Wisconsin.....	1,155.0	1,295,770	1,122	346.5	49,266	142
Minnesota.....	1,654.0	1,801,466	1,089	12.1	2,105	174
Iowa.....	4,322.0	4,615,511	1,068	207.8	33,356	161
Missouri.....	1,271.5	1,302,169	1,024	14.6	3,683	252
North Dakota.....	195.9	212,532	1,085	.1	30	300
South Dakota.....	661.5	702,420	1,062	.1	40	400
Nebraska.....	4,338.0	4,650,389	1,072	5.9	2,195	372
Kansas.....	2,014.0	2,139,508	1,062	.7	263	376
Delaware and Maryland.....	90.2	95,232	1,056	21.3	5,019	236
Virginia.....	157.0	161,193	1,027	137.8	38,785	281
West Virginia.....	61.1	61,253	1,003	2.4	559	233
North Carolina.....	158.6	154,945	977	5.8	1,458	251
South Carolina.....	77.4	94,460	833	121.2	52,591	434
Georgia.....	292.8	289,309	886	15.6	6,114	362
Florida.....	392.5	376,948	960	160.3	50,335	314
Kentucky.....	248.6	236,999	953	2.0	474	237
Tennessee.....	573.5	562,411	981	93.6	29,026	310
Alabama.....	152.6	131,993	865	13.0	6,116	470
Mississippi.....	310.6	261,503	842	82.0	45,077	550
Arkansas.....	179.8	162,445	903	10.9	5,915	543
Louisiana.....	144.0	120,769	839	218.4	112,639	516
Oklahoma.....	647.5	620,190	958	9.4	4,588	488
Texas.....	3,184.0	2,875,373	903	281.3	148,717	529
Montana.....	208.1	214,297	1,030	.5	180	360
Idaho.....	384.5	407,706	1,060	.8	241	301
Wyoming.....	31.2	31,012	994	.1	30	300
Colorado.....	1,975.0	2,108,476	1,068	2.0	669	335
New Mexico.....	341.3	340,410	997			
Arizona.....	508.5	511,710	1,006	2.4	1,198	499
Utah.....	258.5	268,914	1,040	3.2	1,270	397
Nevada.....	24.2	23,776	982	1.3	521	401
Washington.....	545.0	578,338	1,061	9.4	3,382	360
Oregon.....	340.5	348,925	1,025	8.9	2,954	332
California.....	2,849.0	2,938,680	1,031	188.7	66,767	354
48 States.....	35,024.9	36,259,659	1,035	4,072.3	994,013	244
Hawaii.....	61.8	59,293	959			
United States.....	35,086.7	36,318,942	1,035	4,072.3	994,013	244

See footnotes on page 320.

Table 465.—Cattle: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1961-70 <sup>1</sup>

Year	Number					Percentage of total				
	Steers	Cows and heifers			Bulls and stags	Steers	Cows and heifers			Bulls and stags
		Cows	Heifers	Total			Cows	Heifers	Total	
	Thousands	Thousands	Thousands	Thousands	Thousands	Percent	Percent	Percent	Percent	Percent
1961.....	11,164	4,033	4,521	8,554	250	55.9	20.2	22.6	42.8	1.3
1962.....	11,447	4,250	4,420	8,670	222	56.3	20.9	21.7	42.6	1.1
1963.....	12,496	4,157	4,807	8,964	202	57.7	19.2	22.2	41.4	.9
1964.....	14,395	5,322	5,128	10,450	287	57.3	21.1	20.4	41.5	1.1
1965.....	13,486	6,046	6,066	12,112	415	50.7	25.0	22.8	47.8	1.5
1966.....	13,844	6,120	6,935	13,055	420	50.7	22.4	25.4	47.8	1.5
1967.....	14,981	5,540	7,174	12,714	385	52.8	20.0	25.8	45.8	1.4
1968.....	15,361	5,785	7,986	13,771	459	51.9	19.5	27.0	46.5	1.6
1969.....	15,754	5,998	8,286	14,284	499	51.6	19.6	27.1	46.8	1.6
1970.....	16,608	5,373	8,304	13,677	507	53.9	17.4	27.0	44.4	1.6

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 469.

Table 466.—Beef, dressed (carlots): Average wholesale price per 100 pounds, by grade and weight, Chicago, 1961-70

Year	Steer beef		Helfer beef		Cow beef, all weights	
	Choice, 700-800 lb.	Good, 600-700 lb.	Choice, 500-600 lb.	Good, 500-600 lb.	Utility Breaking <sup>1</sup>	Canner and Cutter
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1961.....	38.67	37.51	38.40	36.51	29.69	30.15
1962.....	43.11	40.81	42.52	40.06	29.30	29.30
1963.....	37.69	36.51	37.50	36.02	28.46	28.74
1964.....	36.48	34.81	35.93	33.74	26.15	27.13
1965.....	40.48	38.12	39.01	37.08	27.90	28.62
1966.....	40.28	38.90	39.38	37.80	33.48	35.44
1967.....	41.01	39.26	40.16	38.36	32.82	35.94
1968.....	43.84	41.35	42.76	40.56	34.68	37.30
1969.....	47.75	44.92	46.62	44.09	38.71	41.58
1970.....	46.82	44.74	46.26	43.89	39.86	44.72

<sup>1</sup> Utility grade prior to 1966.

Consumer and Marketing Service.

## FOOTNOTES FOR TABLE 464

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.<sup>2</sup> Includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Statistical Reporting Service.

Table 467.—Cattle (steers): Average price per 100 pounds in Argentina and Canada, 1961-70

Item	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
Argentina special, for chilling, at Liniers market, near Buenos Aires <sup>1</sup> .....	Dol. 8.10	Dol. 7.91	Dol. 8.25	Dol. 13.56	Dol. 13.59	Dol. 12.09	Dol. 9.59	Dol. 9.19	Dol. 9.29	Dol. 12.70
Canadian at Winnipeg: <sup>2</sup>										
Over 1,050 pounds, Choice.....	22.12	24.64	22.40	20.99	22.49	24.04	25.56	25.66	27.86	29.75
Up to 1,050 pounds, Good.....	21.40	23.68	21.42	20.25	21.56	23.34	24.92	25.04	27.02	28.80
Stockers and feeders, Good.....	21.37	22.65	21.57	21.13	20.45	23.71	24.54	24.92	29.71	31.61

<sup>1</sup> Official exchange rate used. Effective January 1959, the Argentine Government established a single rate for the peso.

<sup>2</sup> Quotations are for "all weights," in "Choice" and "Good" and "Feeders, good."

Economic Research Service. Prices converted to United States dollars at current rate of exchange.

Table 468.—Hogs and pigs: Number on farms and value, United States, Jan. 1, 1955-68<sup>1</sup>

Year	Total number	Farm value		Year	Total number	Farm value	
		Per head	Total			Per head	Total
	Thousands	Dollars	1,000 dollars		Thousands	Dollars	1,000 dollars
1954 <sup>2</sup> .....	57,093			1962.....	56,619	27.50	1,556,386
1955.....	50,474	30.60	1,542,285	1963.....	57,993	27.50	1,596,048
1956.....	55,354	17.70	981,115	1964.....	50,757	23.40	1,328,238
1957.....	51,897	24.70	1,279,895	1964 <sup>2</sup> .....	54,135		
1958.....	51,517	30.20	1,558,363	1965.....	50,792	24.50	1,243,712
1959.....	58,045	32.00	1,858,798	1966.....	47,414	45.20	2,143,507
1959 <sup>2</sup> .....	67,949			1967.....	53,249	33.20	1,769,274
1960.....	59,026	18.50	1,091,896	1968.....	55,265	29.80	1,647,234
1961.....	55,560	27.20	1,513,975	1969 <sup>3</sup> .....			

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.

<sup>2</sup> Italic figures are Census of Agriculture returns from the Bureau of the Census. Census dates are October-November, 1954 and 1959, and November-December, 1964.

<sup>3</sup> Beginning Jan. 1, 1969, Jan. 1 hog and pig inventory estimates discontinued. See new series for Dec. 1, table 469.

Statistical Reporting Service. Data for 1867-1954 in *Agricultural Statistics*, 1967, table 472.

Table 469.—Hogs and pigs: Number on farms and value, United States, Dec. 1, 1967-70

Year	Total number	Farm value		Year	Total number	Farm value	
		Per head	Total			Per head	Total
	Thousands	Dollars	1,000 dollars		Thousands	Dollars	1,000 dollars
1967.....	58,777	28.30	1,661,616	1969.....	56,655	39.00	2,208,504
1968.....	60,632	30.50	1,851,596	1970 <sup>1</sup> .....	67,540	23.40	1,578,677

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 470.—Hogs and pigs: Number on farms and value, by States, Dec. 1, 1968-70

State and division	Number			Farm value					
				Value per head			Total value		
	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>	1968	1969	1970 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	11	11	10	30.20	32.90	30.50	332	362	305
New Hampshire.....	15	14	12	32.20	35.30	30.00	483	494	360
Vermont.....	6.1	6.7	6	28.00	31.80	29.50	171	213	177
Massachusetts.....	95	89	89	32.50	34.00	28.50	3,088	3,026	2,537
Rhode Island.....	9.3	10	10	33.30	27.60	25.50	310	276	255
Connecticut.....	11	10	9.5	30.20	35.20	28.50	332	352	271
New York.....	103	103	101	31.20	35.20	30.00	3,214	3,626	3,030
New Jersey.....	127	121	121	36.70	38.00	29.50	4,661	4,598	3,570
Pennsylvania.....	547	613	674	33.20	37.20	26.50	18,160	22,804	17,861
North Atlantic.....	924.4	977.7	1,032.5	33.30	36.60	27.40	30,751	35,751	28,366
Ohio.....	2,583	2,557	2,838	29.20	36.40	22.50	75,424	93,075	63,855
Indiana.....	4,499	4,499	5,129	29.90	38.70	23.50	134,620	174,111	120,532
Illinois.....	7,279	6,551	7,468	31.00	40.60	23.50	225,649	265,971	175,498
Michigan.....	606	630	819	31.30	41.00	24.50	18,968	25,830	20,066
Wisconsin.....	1,768	1,680	1,932	30.90	41.40	24.00	54,631	69,552	46,368
East North Central.....	16,735	15,917	18,186	30.40	39.50	23.40	509,192	628,539	426,319
Minnesota.....	3,364	3,129	3,692	33.10	41.50	23.00	111,348	129,854	84,916
Iowa.....	15,852	13,950	16,322	33.50	42.80	24.00	531,042	597,060	391,728
Missouri.....	4,562	4,197	5,120	28.00	37.60	22.00	127,736	157,807	112,640
North Dakota.....	321	315	425	34.00	38.50	23.50	10,914	12,128	9,988
South Dakota.....	1,860	1,674	2,009	33.60	41.70	23.50	62,496	69,806	47,212
Nebraska.....	3,226	2,839	3,691	30.40	40.20	23.50	98,070	114,128	86,739
Kansas.....	1,767	1,643	2,202	27.30	36.40	21.00	48,239	59,805	40,242
West North Central.....	30,952	27,747	33,461	32.00	41.10	23.30	989,845	1,140,588	779,465
Delaware.....	40	40	46	29.00	35.40	23.50	1,160	1,416	1,081
Maryland.....	198	192	221	30.00	35.30	24.00	5,940	6,778	5,304
Virginia.....	613	619	817	26.90	34.90	24.00	16,490	21,603	19,608
West Virginia.....	76	71	76	24.90	33.00	24.50	1,892	2,343	1,862
North Carolina.....	1,518	1,612	2,031	28.00	36.40	24.00	42,504	58,677	48,744
South Carolina.....	471	476	633	26.00	31.20	23.00	12,246	14,851	14,559
Georgia.....	1,648	1,780	2,065	26.90	32.00	25.00	44,331	56,960	51,625
Florida.....	348	331	374	26.90	33.00	24.00	9,361	10,923	8,976
South Atlantic.....	4,912	5,121	6,263	27.30	33.90	24.20	133,924	173,551	151,759
Kentucky.....	1,431	1,445	1,734	29.70	34.50	20.00	42,501	49,853	34,680
Tennessee.....	1,029	926	1,111	25.90	35.90	22.00	26,651	33,243	24,442
Alabama.....	1,010	949	1,110	24.50	30.80	22.00	24,745	29,229	24,420
Mississippi.....	522	527	632	25.90	31.10	22.50	13,520	16,390	14,220
Arkansas.....	291	288	392	24.10	32.50	21.00	7,013	9,360	8,232
Louisiana.....	216	233	259	25.50	31.50	24.50	5,508	7,340	6,346
Oklahoma.....	399	375	506	23.40	32.30	22.50	9,337	12,113	11,385
Texas.....	1,020	959	1,419	23.40	32.30	22.50	23,868	30,976	31,928
South Central.....	5,918	5,702	7,163	25.90	33.00	21.70	153,143	188,504	155,633
Montana.....	177	170	221	28.30	36.60	24.00	5,009	6,222	5,304
Idaho.....	118	118	171	25.40	32.90	22.00	2,997	3,882	3,762
Wyoming.....	29	29	38	26.20	31.30	21.50	760	908	817
Colorado.....	246	271	352	27.00	33.40	23.50	6,642	9,051	8,272
New Mexico.....	48	48	60	22.50	30.10	23.00	1,080	1,445	1,380
Arizona.....	55	61	79	25.90	34.30	25.00	1,425	2,092	1,975
Utah.....	56	56	59	23.80	29.70	22.50	1,333	1,663	1,328
Nevada.....	11	9.4	13	28.30	29.20	23.00	311	274	299
Washington.....	87	87	96	29.40	35.90	28.00	2,558	3,123	2,688
Oregon.....	118	118	122	27.30	33.30	25.00	3,221	3,929	3,050
California.....	181	165	165	35.40	36.80	30.50	6,407	6,072	5,053
Western.....	1,126	1,132.4	1,376	28.20	34.10	24.60	31,743	38,661	33,908
48 States.....	60,567	56,597	67,481	30.50	39.00	23.40	1,848,598	2,205,594	1,575,470
Alaska.....	1.1	1.1	1.1	48.90	54.60	68.00	54	60	75
Hawaii.....	64	57	58	46.00	50.00	54.00	2,944	2,850	3,132
United States.....	60,632	56,655	67,540	30.50	39.00	23.40	1,851,596	2,208,504	1,578,677

<sup>1</sup> Preliminary.

Statistical Reporting Service.

**Table 471.—Sows farrowing and pig crop: Number, United States, 1955-71<sup>1</sup>**

Year	Sows farrowing		Pig crop			Year	Sows farrowing		Pig crop		
	Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total		Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1955-----	8,347	5,599	57,610	38,119	95,729	1964-----	6,596	5,525	47,682	39,862	87,544
1956-----	7,655	5,181	53,124	36,302	89,426	1965-----	5,890	5,006	42,525	36,415	78,940
1957-----	7,194	5,112	51,263	36,099	87,362	1966-----	6,201	5,811	45,422	42,141	87,563
1958-----	7,281	5,887	51,354	42,179	93,533	1967-----	6,570	5,899	48,205	43,540	91,745
1959-----	7,996	6,128	56,620	42,775	99,395	1968-----	6,669	6,129	49,146	45,071	94,217
1960-----	6,782	5,839	47,228	40,988	88,216	1969-----	6,360	5,727	46,788	42,019	88,807
1961-----	7,018	5,918	50,367	42,348	92,715	1970-----	7,171	6,905	52,551	49,768	102,319
1962-----	6,996	6,098	49,535	44,073	93,608	1971 <sup>2</sup> -----	7,222	-----	53,082	-----	-----
1963-----	7,099	5,987	50,749	43,307	94,056						

<sup>1</sup> Beginning 1962, includes Alaska and Hawaii.

<sup>2</sup> Intentions.

Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 473.

**Table 472.—Hogs and pigs: Number on farms for breeding and market, United States, 1963-70**

Year	All hogs and pigs	Kept for breeding	Market hogs by weight groups					Total
			Under 60 pounds	60 to 119 pounds	120 to 179 pounds	180 to 219 pounds	220 pounds and over	
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
June 1								
1963-----	59,777	9,037	26,977	11,480	7,121	3,802	1,360	50,740
1964-----	52,968	7,915	23,469	10,320	6,694	3,437	1,138	45,053
1965-----	56,165	8,747	25,316	10,872	6,715	3,383	1,132	47,418
1966-----	59,372	8,988	26,029	11,889	7,873	3,804	1,289	50,584
1967-----	60,557	9,256	26,021	11,863	7,788	4,170	1,429	51,301
1968-----	58,736	9,225	24,022	12,009	7,775	4,330	1,375	49,511
1969-----	64,824	10,725	27,245	12,989	8,053	4,374	1,438	54,099
1970-----	-----	-----	-----	-----	-----	-----	-----	-----
Dec. 1								
1963-----	62,060	9,117	18,864	13,949	11,119	6,678	2,333	52,943
1964-----	56,106	8,166	16,483	12,967	10,152	6,167	2,171	47,940
1965-----	50,519	8,224	15,344	11,470	8,689	5,158	1,634	42,295
1966-----	57,126	8,858	17,320	12,827	9,956	6,005	2,070	48,268
1967-----	60,632	9,181	18,013	13,308	9,853	6,232	2,100	49,596
1968-----	-----	9,437	18,419	13,899	10,627	6,284	2,066	51,195
1969-----	56,655	8,938	17,486	12,988	9,609	5,758	1,876	47,717
1970-----	67,540	9,418	21,603	15,681	11,449	6,973	2,416	56,122

Statistical Reporting Service.



Table 473.—Hogs: Number in specified countries, average 1961–65, annual 1969 and 1970

Continent and country	Month of estimate <sup>1</sup>	Average 1961–65	1969	1970 <sup>2</sup>	Continent and country	Month of estimate <sup>1</sup>	Average 1961–65	1969	1970 <sup>2</sup>
North America:					Europe—Continued				
Canada (excluding Newfoundland)	Dec. 1	Thou- sands 5,220	Thou- sands 5,695	Thou- sands 6,458	Bulgaria	Jan. ....	Thou- sands 2,331	Thou- sands 2,140	Thou- sands 1,967
Mexico	Dec. ....	7,969	10,297	11,721	Czechoslovakia	Jan. 1	5,948	5,136	5,037
United States <sup>3</sup>	Jan. 1	55,544	60,632	56,655	Germany, East	Dec. 3	8,654	9,523	9,237
Puerto Rico	Jan. ....	161	194	191	Hungary	Mar. ....	6,216	5,334	5,970
Costa Rica	Jan. 1	146	189	198	Poland	June 30	13,080	14,357	13,446
El Salvador	June 1	390	402	407	Romania	Jan. ....	4,835	5,853	5,972
Guatemala	May 1	422	778	800	Yugoslavia	Jan. 15	5,815	5,093	5,544
Honduras	Jan. 1	474	655	665	Total Eastern Europe <sup>4</sup>				
Nicaragua	Dec. 31	408	555	561			47,004	47,584	47,321
Panama	Jan. ....	201	196	203	Total Europe <sup>4</sup>				
Dominican Republic		618	487	498			113,193	124,608	129,099
Total <sup>4</sup>		74,911	84,109	82,668	U.S.S.R. (Europe and Asia)				
South America:						Jan. 1	57,808	49,047	56,055
Argentina	June 30	3,388	4,100	4,400	Africa:				
Brazil	Dec. 31	53,126	64,924	65,867	South Africa, Republic of				
Chile	Dec. ....	946	1,120	1,140		June 30	1,321	1,240	1,250
Colombia	Oct. 1	2,240	2,200	2,244	Total <sup>4</sup>				
Ecuador	Aug. ....	1,432	2,047	2,201			5,300	6,035	6,076
Peru	July 1	1,856	1,700	1,710	Asia:				
Uruguay	June 30	403	380	380	Iran	Mar. 1	31	42	44
Venezuela	Dec. 31	1,872	2,150	2,335	China (Taiwan)	Dec. ....	2,917	3,011	3,048
Total <sup>4</sup>		66,681	80,349	82,014	Japan	Feb. 1	3,474	5,429	6,335
Europe:					Korea, Republic of	Dec. 31	1,418	1,396	1,338
Austria	Dec. ....	2,978	3,094	3,196	Philippines	Mar. 1	9,236	12,000	12,000
Belgium	Jan. ....	1,726	2,504	3,094	Thailand	Mar. 31	4,660	5,000	-----
Luxembourg	May ....	103	90	103	Vietnam, South	Dec. 31	3,382	3,553	-----
Denmark	Jan. ....	7,284	8,022	8,361	Total <sup>4</sup>				
Finland	Dec. ....	534	684	797			126,449	207,960	212,107
France	Oct. ....	8,982	10,020	10,462	Oceania:				
Germany, West	Dec. ....	16,933	18,732	19,323	Australia	Mar. ....	1,567	2,253	2,398
Greece	Dec. ....	531	640	568	New Zealand	Jan. ....	719	553	584
Ireland	Jan. ....	1,048	1,062	1,065	Total <sup>4</sup>				
Italy	Jan. ....	4,787	7,300	9,224			2,463	3,016	3,194
Netherlands	Jan. ....	3,124	4,762	5,471	World total <sup>4,5</sup>				
Norway	Dec. ....	470	578	567			446,805	555,124	571,213
Portugal	Dec. ....	1,628	1,544	1,200					
Spain	Mar. ....	5,659	6,129	6,400					
Sweden	June ....	1,891	2,065	2,037					
Switzerland	Apr. ....	1,396	1,799	1,753					
United Kingdom	Dec. ....	7,098	7,969	8,127					
Total Western Europe <sup>4</sup>		66,189	77,024	81,778					

<sup>1</sup> Estimates for countries falling in October–December are shown in the following year for comparisons.<sup>2</sup> Preliminary.<sup>3</sup> 50 States.<sup>4</sup> Includes allowances for missing data for countries shown and for other producing countries not shown.<sup>5</sup> May not add due to rounding.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

## FOOTNOTES FOR TABLE 475

<sup>1</sup> Data for 12-month period, December 1969 through November 1970.<sup>2</sup> Includes custom slaughter for use on farms where produced, but excludes interfarm sales within the State.<sup>3</sup> Excludes custom slaughter for farmers at commercial establishments.<sup>4</sup> Adjustments made for changes in inventory and for shipments.<sup>5</sup> Receipts from marketing and sales of farm-slaughtered meat, excluding interfarm sales within the States.<sup>6</sup> Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

Statistical Reporting Service.

Table 474.—Sows farrowing and pig crop: Number, by States, 1969 and 1970

State and division	Sows farrowing				Pig crop					
	1969		1970		1969			1970		
	Dec.-May	June-Nov.	Dec.-May	June-Nov.	Dec.-May	June-Nov.	Total	Dec.-May	June-Nov.	Total
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	1.0	1.1	0.9	1.0	6.4	8.2	14.6	5.8	7.2	13.0
New Hampshire.....	1.2	1.7	1.0	1.5	8.6	9.2	17.8	7.0	9.0	16.0
Vermont.....	.5	.9	.5	.8	3.9	6.8	10.7	3.6	5.4	9.0
Massachusetts.....	7.5	8.0	7.4	8.4	46	55	101	46	54	100.0
Rhode Island.....	.9	.9	.8	.9	5.7	6.5	12.2	5.0	4.7	9.7
Connecticut.....	1.1	.9	1.1	.9	6.6	5.8	12.4	7.3	5.4	12.7
New York.....	11.0	9.5	10.0	9.0	85	73	158	78	72	150.0
New Jersey.....	8.4	6.7	8.1	7.1	50	38	88	46	38	84.0
Pennsylvania.....	57.0	53	60	56	456	408	864	450	431	881.0
North Atlantic.....	88.6	82.7	89.8	85.6	668.2	610.5	1,278.7	648.7	626.7	1,275.4
Ohio.....	255	264	265	297	1,967	3,871	5,838	1,982	2,244	4,226
Indiana.....	440	425	501	480	3,322	3,265	6,587	3,725	3,556	7,281
Illinois.....	734	729	847	878	5,080	5,175	10,255	5,801	6,080	11,881
Michigan.....	68	70	82	90	514	518	1,032	594	648	1,242
Wisconsin.....	224	211	240	250	1,696	1,648	3,344	1,817	1,873	3,690
East North Central.....	1,721	1,699	1,935	1,995	12,516	12,573	25,089	13,919	14,401	28,320
Minnesota.....	387	326	442	386	2,879	2,404	5,283	3,285	2,817	6,102
Iowa.....	1,508	1,261	1,681	1,495	11,094	9,047	20,141	12,331	10,540	22,871
Missouri.....	474	483	540	604	3,419	3,414	6,833	3,963	4,290	8,253
North Dakota.....	41	25	47	35	308	185	493	352	259	611
South Dakota.....	244	146	277	186	1,783	1,079	2,862	2,034	1,341	3,375
Nebraska.....	369	296	420	410	2,705	2,203	4,909	3,495	2,873	5,368
Kansas.....	182	164	211	213	1,399	1,259	2,658	1,625	1,619	3,245
West North Central.....	3,205	2,701	3,618	3,329	23,587	19,991	43,578	26,716	23,739	50,455
Delaware.....	3.5	5.2	4.2	6.0	26	39	65	30	42	72
Maryland.....	17	20	16	23	124	134	258	117	161	278
Virginia.....	55	55	62	70	407	424	831	459	504	963
West Virginia.....	6.8	7.3	6.8	7.8	52	58	110	50	59	109
North Carolina.....	225	157	277	188	1,755	1,178	2,933	2,105	1,391	3,496
South Carolina.....	53	45	65	60	387	329	707	448	432	880
Georgia.....	188	171	199	188	1,372	1,248	2,620	1,453	1,354	2,807
Florida.....	36	35	37	39	256	231	487	266	269	535
South Atlantic.....	584.3	495.5	667	581.8	4,379	3,632	8,011	4,928	4,212	9,140
Kentucky.....	167	149	179	177	1,252	1,147	2,399	1,307	1,328	2,635
Tennessee.....	116	114	135	135	882	878	1,760	999	1,013	2,012
Alabama.....	110	98	119	112	803	715	1,518	881	840	1,721
Mississippi.....	58	53	72	64	400	376	776	497	448	945
Arkansas.....	33	43	35	54	244	322	566	256	394	650
Louisiana.....	21	20	22	21	143	140	283	156	147	303
Oklahoma.....	42	43	50	55	307	314	621	370	402	772
Texas.....	95	106	119	149	712	784	1,496	869	1,118	1,987
South Central.....	642	626	731	767	4,743	4,676	9,419	5,335	5,690	11,025
Montana.....	18	17	21	22	133	133	266	160	161	321
Idaho.....	12	12	14	14	95	98	193	112	116	228
Wyoming.....	3.1	2.9	3.4	3.8	22	20	42	25	28	53
Colorado.....	28	32	33	40	218	240	458	257	300	557
New Mexico.....	6.5	6.1	6.6	6.1	46	45	91	47	41	88
Arizona.....	6.5	6.6	7.6	8.5	54	51	105	60	66	126
Utah.....	5.5	6.0	5.5	6.0	37	47	84	39	43	82
Nevada.....	.8	.9	1.0	1.1	4.7	6.8	11.5	7.4	7.5	14.9
Washington.....	8.5	8.0	8.0	10	70	56	126	64	75	139
Oregon.....	10	12	11	13	82	100	182	91	104	195
California.....	14	14	14	16	94	101	195	104	118	222
Western.....	112.9	117.5	125.1	140.5	855.7	897.8	1,753.5	966.4	1,059.5	2,025.9
48 States.....	6,354	5,721	7,166	6,899	46,749	41,980	88,729	52,513	49,728	102,241
Alaska.....	.14	.14	.12	.13	.91	.81	1.72	.79	.90	1.69
Hawaii.....	5.4	5.4	5.2	5.5	38	38	76	37	39	76
United States.....	6,360	5,727	7,171	6,905	46,788	42,019	88,807	52,551	49,768	102,319

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 475.—Hogs: Production, disposition, cash receipts, and gross income, by States, 1970<sup>1</sup> (preliminary)

State and division	Market-ings <sup>2</sup>	Shipped in for feeding and breeding	Farm slaughter <sup>3</sup>	Quantity produced (live weight) <sup>4</sup>	Value of production <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>5</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>6</sup>	Cost of hogs shipped in for feeding and breeding
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine	11.1		1.2	2,975	550	463	89	552	
New Hampshire	15.8		.8	3,634	672	647	69	716	
Vermont	8.0		.9	2,146	408	352	77	429	
Massachusetts	87		1	19,712	3,647	3,575	81	3,656	
Rhode Island	7.4		.3	1,811	344	324	27	351	
Connecticut	11.6		.3	2,630	500	506	23	529	
New York	132		5	31,357	7,432	6,892	545	7,437	
New Jersey	139	70	2	23,470	5,422	6,333	204	6,537	1,638
Pennsylvania	688		42	172,639	41,261	35,699	4,065	39,764	
North Atlantic	1,099.9	70	53.5	260,374	60,236	54,791	5,180	59,971	1,638
Ohio	3,887	289	17	883,330	204,933	201,564	2,266	203,632	5,462
Indiana	6,743	637	15	1,729,838	394,403	382,537	1,806	384,343	12,893
Illinois	10,706	449	22	2,672,677	620,061	605,939	3,238	609,177	9,088
Michigan	984	39	18	256,984	58,849	52,026	2,086	54,112	790
Wisconsin	3,270	5	28	716,766	161,272	152,671	3,544	156,215	96
East North Central	25,590	1,419	100	6,259,595	1,439,518	1,394,737	12,942	1,407,679	28,329
Minnesota	5,204	105	35	1,309,012	290,601	274,534	4,444	278,978	2,115
Iowa	20,029	895	40	5,081,960	1,148,523	1,104,228	7,011	1,111,239	9,666
Missouri	6,826	3	60	1,721,615	399,415	367,480	8,004	375,484	61
North Dakota	442	6	20	122,593	26,725	22,391	1,742	24,133	86
South Dakota	2,990	112	9	789,779	172,962	166,272	1,084	167,356	2,419
Nebraska	4,972	166	20	1,365,152	304,429	280,748	3,060	283,808	3,486
Kansas	2,721	156	11	722,700	161,162	147,694	1,472	149,166	3,089
West North Central	43,184	1,443	195	11,112,811	2,503,817	2,363,347	26,817	2,390,164	20,922
Delaware	58		2	14,626	3,613	3,240	193	3,433	
Maryland	209		10	49,975	12,194	11,031	970	12,001	
Virginia	609	23	75	180,211	42,350	30,862	6,909	37,771	391
West Virginia	85	2	13	24,766	5,647	4,406	1,141	5,547	80
North Carolina	2,703	6	130	672,995	150,751	129,954	11,007	140,961	108
South Carolina	623		30	165,818	36,314	30,867	2,300	33,167	
Georgia	2,272	54	74	537,239	121,953	107,022	7,341	114,363	936
Florida	438	3	14	86,160	18,869	18,214	1,104	19,318	53
South Atlantic	6,907	88	348	1,731,790	391,691	335,596	30,965	366,561	1,568
Kentucky	2,075	9	80	478,550	109,109	93,086	8,992	102,078	158
Tennessee	1,582	3	88	358,421	80,645	66,834	8,910	75,744	82
Alabama	1,354	15	53	332,231	73,755	64,991	5,295	70,286	257
Mississippi	724	4	45	177,003	40,003	33,934	3,966	37,900	72
Arkansas	463	2	30	105,857	24,347	18,714	3,043	21,757	34
Louisiana	212	3	28	51,329	11,806	9,436	1,835	11,271	65
Oklahoma	597	30	12	156,267	35,316	31,115	1,302	32,417	504
Texas	1,405	14	40	385,672	86,776	70,826	4,500	75,326	217
South Central	8,412	80	376	2,045,330	461,757	388,936	37,843	426,779	1,359
Montana	264	25	11	70,404	15,770	13,520	986	14,506	488
Idaho	172	13	5	45,833	10,404	8,821	549	9,370	498
Wyoming	41	2	2	10,595	2,257	1,898	220	2,118	70
Colorado	462	21	8	118,035	27,266	24,437	999	25,436	448
New Mexico	122	5	5	19,253	4,352	3,619	411	4,030	104
Arizona	107	6	2	28,058	6,706	5,835	175	6,011	113
Utah	72	2	3	17,226	3,859	3,503	269	3,772	39
Nevada	10.0	.1	.5	2,737	619	479	42	521	4
Washington	113	3	8	28,303	6,651	5,568	972	6,540	62
Oregon	180	1	4	42,104	10,021	9,412	547	9,959	22
California	208	22	6	45,846	10,774	10,599	465	11,064	517
Western	1,701	100	54.5	428,394	98,659	87,691	5,635	93,326	2,335
48 States	86,984	3,200	1,127	21,838,294	4,955,678	4,625,098	119,382	4,744,480	56,151
Alaska	.1		.8	199	91	75	7	82	
Hawaii	65	1	3	12,320	4,792	4,508	243	4,751	65
United States	87,049	3,201	1,131	21,850,813	4,960,561	4,629,681	119,632	4,749,313	56,216

See footnotes on page 324.

Table 476.—Hogs: Production, disposition, cash receipts, and gross income, United States, 1961-70 <sup>1</sup>

Year	Marketings <sup>2</sup>	Shipped in for feeding and breeding	Farm slaughter <sup>3</sup>	Quantity produced (live weight) <sup>4</sup>	Value of production <sup>4</sup>	Cash receipts from sales of hogs, pork, and lard <sup>5</sup>	Value of hogs slaughtered for home consumption	Gross income <sup>6</sup>	Cost of hogs shipped in for feeding and breeding	Average price per 100 pounds received by farmers
	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars
1961	80,326	2,293	4,639	20,166,822	3,355,213	3,152,383	181,785	3,334,168	30,450	16.60
1962	81,743	2,639	4,093	20,274,620	3,311,953	3,161,521	156,342	3,317,863	35,893	16.30
1963	86,163	2,657	3,795	20,960,460	3,128,458	3,033,284	134,868	3,168,152	32,117	14.90
1964	86,086	2,718	3,269	20,216,732	2,988,624	3,033,518	116,089	3,149,607	31,724	14.80
1965	76,079	2,385	2,613	18,055,208	3,715,956	3,693,341	128,241	3,821,582	36,369	20.60
1966	76,504	2,583	1,319	19,107,421	4,333,884	4,098,016	136,528	4,239,544	48,172	22.80
1967	84,995	2,873	1,301	20,634,452	3,896,668	3,754,775	110,756	3,865,531	43,616	18.90
1968 <sup>7</sup>	87,907	3,180	1,277	21,102,218	3,910,010	3,784,781	105,852	3,890,633	50,860	18.50
1969	88,335	3,058	1,147	20,489,443	4,536,835	4,589,070	114,499	4,703,569	55,228	22.20
1970 <sup>8</sup>	87,049	3,201	1,131	21,850,813	4,960,561	4,629,689	119,632	4,749,313	56,216	22.70

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.

<sup>2</sup> Excludes interfarm sales within a State, but includes animals custom slaughtered for use on farms where produced.

<sup>3</sup> Beginning 1966, excludes custom slaughter for farmers at commercial establishments.

<sup>4</sup> Adjustments made for changes in inventory and for inshipments.

<sup>5</sup> Receipts from marketings and sales of farm-slaughtered meat, excluding interfarm sales within a State.

<sup>6</sup> Cash receipts from sale of hogs, pork, and lard plus value of hogs slaughtered for home consumption.

<sup>7</sup> Beginning 1968, data for 12-month period, December of previous year through November of current year.

<sup>8</sup> Preliminary.

Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 478.

Table 477.—Hogs: Total receipts at public stockyards and direct receipts at interior markets, 1961-70 <sup>1</sup>

Year	Receipts at public stockyards												Direct receipts in interior Iowa and southern Minnesota <sup>4</sup>
	Chi- ago	Den- ver	Fort Worth	Kan- sas City	Oma- ha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total, 9 mar- kets <sup>2</sup>	All others re- port- ing	Total mar- kets report- ing <sup>3</sup>	
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1961-----	1,728	520	290	1,016	3,064	2,646	1,755	3,110	2,225	16,354	12,941	29,295	16,533
1962-----	1,786	597	242	1,030	3,338	2,637	1,858	3,101	2,363	16,953	12,380	29,333	16,584
1963-----	1,798	615	259	1,084	3,474	2,529	1,872	3,121	2,229	16,981	13,182	30,163	17,780
1964-----	1,801	577	253	1,060	3,445	2,426	1,899	2,915	1,983	16,359	12,933	29,312	18,052
1965-----	1,434	443	230	1,011	2,622	2,035	1,677	2,132	1,686	13,270	11,140	24,410	17,376
1966-----	1,443	351	212	1,021	2,421	2,097	1,591	2,430	1,754	13,230	10,426	23,656	18,458
1967-----	1,434	324	284	1,263	2,673	1,916	1,635	2,757	1,860	14,146	10,131	24,277	20,437
1968-----	1,190	369	289	1,360	2,327	1,823	1,636	2,855	1,950	13,899	10,172	24,071	20,932
1969-----	965	370	361	1,332	1,798	1,644	1,756	2,734	1,879	12,839	9,615	22,454	20,192
1970-----	298	217	302	1,262	1,857	1,570	1,839	2,223	1,923	11,491	8,526	20,017	21,221

<sup>1</sup> Total rail and truck receipts. Beginning January 1962, truck receipts discontinued.

<sup>2</sup> Rounded total of complete figures.

<sup>3</sup> The number of stockyards reporting varies from 45 to 68.

<sup>4</sup> Covers receipts at 14 packing plants and 30 concentration yards.

Consumer and Marketing Service. Compiled from reports received from stockyard companies. Data for 1950-60 in *Agricultural Statistics, 1967*, table 479.

Table 478.—Hogs: Number slaughtered, United States, 1955-70<sup>1</sup>

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>2</sup>				Federally inspected	Other	Total <sup>2</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1955.....	61,370	12,846	74,216	6,835	81,051	1963.....	71,577	11,747	83,324	3,793	87,116
1956.....	65,748	12,765	78,513	6,551	85,064	1964.....	71,667	11,352	83,018	3,266	86,284
1957.....	60,682	11,913	72,595	6,041	78,636	1965.....	63,708	10,076	73,784	2,610	76,394
1958.....	59,462	11,503	70,965	5,857	76,822	1966 <sup>3</sup> .....	63,729	10,282	74,011	1,314	75,325
1959.....	68,708	12,874	81,582	6,024	87,606	1967.....	70,915	11,209	82,124	1,297	83,421
1960.....	66,153	12,883	79,036	5,114	84,150	1968.....	74,789	10,371	85,160	1,241	86,401
1961.....	65,632	11,702	77,335	4,635	81,970	1969.....	75,682	8,156	83,838	1,120	84,958
1962.....	67,770	11,564	79,334	4,090	83,424	1970.....	78,187	7,630	85,817	1,145	86,962

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.<sup>2</sup> Totals are based on unrounded numbers.<sup>3</sup> Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 480.Table 479.—Hogs: Number slaughtered commercially, total and average live weight, by States, 1970<sup>1</sup>

State	Number slaughtered	Total live weight	Average live weight	State	Number slaughtered	Total live weight	Average live weight
	Thousands	1,000 pounds	Pounds		Thousands	1,000 pounds	Pounds
New England <sup>2</sup> .....	91.4	22,473	246	Alabama.....	861.0	198,288	230
New York.....	1,007.0	231,292	230	Mississippi.....	1,232.0	279,698	227
New Jersey.....	458.0	89,474	195	Arkansas.....	414.5	99,900	241
Pennsylvania.....	3,783.0	847,031	224	Louisiana.....	208.8	45,759	219
Ohio.....	4,263.0	906,955	227	Oklahoma.....	878.5	223,767	255
Indiana.....	4,041.0	1,019,535	252	Texas.....	1,999.0	482,715	241
Illinois.....	5,491.0	1,364,360	248	Montana.....	346.6	81,456	235
Michigan.....	2,913.0	688,004	236	Idaho.....	131.8	29,230	222
Wisconsin.....	3,394.0	812,150	239	Wyoming.....	24.0	5,564	232
Minnesota.....	5,567.0	1,388,871	249	Colorado.....	945.5	220,999	234
Iowa.....	22,094.0	5,384,363	244	New Mexico.....	108.5	25,212	232
Missouri.....	2,481.0	618,814	249	Arizona.....	183.4	42,650	233
North Dakota.....	35.1	8,234	235	Utah.....	117.4	26,837	229
South Dakota.....	2,606.0	666,933	256	Nevada.....	2.7	571	211
Nebraska.....	2,566.0	650,335	253	Washington.....	716.5	165,826	231
Kansas.....	1,998.0	495,878	248	Oregon.....	206.6	47,219	229
Delaware and Maryland.....	532.0	117,110	220	California.....	1,593.0	377,447	237
Virginia.....	3,110.0	710,613	228	48 States.....	85,816.8	20,616,583	240
West Virginia.....	80.0	20,329	254	Hawaii.....	50.6	9,198	182
North Carolina.....	1,860.0	412,992	222	United States.....	85,867.4	20,625,781	240
South Carolina.....	388.0	89,151	230				
Georgia.....	1,807.0	398,288	220				
Florida.....	591.5	117,997	199				
Kentucky.....	1,798.0	436,244	243				
Tennessee.....	2,892.0	706,021	244				

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.<sup>2</sup> Includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Statistical Reporting Service.

**Table 480.—Hogs: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1961-70<sup>1</sup>**

Year	Number			Percentage of total		
	Barrows and gilts	Sows	Stags and boars	Barrows and gilts	Sows	Stags and boars
	Thousands	Thousands	Thousands	Percent	Percent	Percent
1961.....	59,740	5,564	329	91.0	8.5	0.5
1962.....	61,747	5,525	498	91.1	8.2	.7
1963.....	65,288	5,717	572	91.2	8.0	.8
1964.....	65,435	5,702	529	91.3	8.0	.7
1965.....	58,576	4,739	392	92.0	7.4	.6
1966.....	58,383	5,055	291	91.6	7.9	.5
1967.....	65,444	5,157	314	92.3	7.3	.4
1968.....	69,484	4,929	377	92.9	6.6	.5
1969.....	70,117	4,961	605	92.6	6.6	.8
1970.....	72,647	5,015	525	92.9	6.4	.7

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 482.**Table 481.—Hogs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers, by seasons, 1960-70<sup>1</sup>**

Year beginning September	Number slaughtered			Average live weight <sup>2</sup>			Average cost per 100 pounds live weight <sup>3</sup>		
	September-March	April-August	September-August	September-March	April-August	September-August	September-March	April-August	September-August
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	Dollars	Dollars	Dollars
1960.....	38,964	25,172	64,136	238	245	241	17.04	16.77	16.93
1961.....	41,163	26,425	67,588	238	245	241	16.57	16.40	16.50
1962.....	42,267	27,301	69,569	240	242	241	15.97	15.70	15.86
1963.....	44,992	26,764	71,756	240	246	242	14.65	15.23	14.87
1964.....	43,511	24,417	67,928	240	241	241	15.73	21.23	17.71
1965.....	36,583	24,294	60,788	241	247	244	25.07	23.11	24.29
1966.....	43,030	26,006	69,036	241	244	242	19.86	20.34	20.05
1967.....	43,760	29,410	73,170	240	242	241	18.15	19.42	18.66
1968.....	46,815	29,935	76,750	238	240	239	19.04	23.47	20.78
1969.....	43,971	29,935	74,030	242	240	242	26.20	23.47	25.08
1970.....	52,170	29,935	82,105	239	240	241	17.29	23.47	25.08

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.<sup>2</sup> Weighted averages; obtained from monthly survey of slaughtering plants. In recent years the packer-style carcass weight of hogs averaged 70 percent of the live weight, and pork (excluding lard) averaged 63 percent of the live weight.Statistical Reporting Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 483.**Table 482.—Hogs and corn: Hog-corn price ratio and average price received by farmers for corn, North Central States and United States, 1961-70**

Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>		Year	Hog-corn price ratio <sup>1</sup>		Price of corn per bushel <sup>2</sup>	
	United States	North Central States	United States	North Central States		United States	North Central States	United States	North Central States
			Dollars	Dollars				Dollars	Dollars
1961.....	16.5	16.8	1.01	0.986	1966.....	18.5	18.7	1.25	1.23
1962.....	16.0	16.5	1.02	.994	1967.....	16.3	16.5	1.17	1.16
1963.....	13.4	13.5	1.12	1.11	1968.....	<sup>3</sup> 17.9	<sup>3</sup> 18.3	1.04	1.02
1964.....	13.1	13.2	1.13	1.12	1969.....	<sup>3</sup> 19.8	<sup>3</sup> 20.2	1.13	1.11
1965.....	17.7	18.0	1.18	1.16	1970.....	<sup>3</sup> 19.1	<sup>3</sup> 19.4	1.23	1.21

<sup>1</sup> Number of bushels of corn required to buy 100 pounds of live hogs at local markets, based on average prices received by farmers for hogs and corn. Annual average is a simple average of monthly ratios.<sup>2</sup> Simple average of midmonth prices.<sup>3</sup> Marketing year average December through November.Statistical Reporting Service. Data for 1930-60 in *Agricultural Statistics, 1967*, table 485.



## CATTLE, HOGS, AND SHEEP, 1971

**Table 483.—Hogs: Average weight and cost of packer and shipper purchases, by classes, at Omaha, and at 7 markets combined, 1961-70**

Year	Omaha					7 markets <sup>1</sup>				
	Barrows and gilts		Sows		Number of sows as percentage of all purchases	Barrows and gilts		Sows		Number of sows as percentage of all purchases
	Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.		Average live weight	Average cost per cwt.	Average live weight	Average cost per cwt.	
	Pounds	Dollars	Pounds	Dollars	Percent	Pounds	Dollars	Pounds	Dollars	Percent
1961.....	235	17.07	414	14.91	15	230	17.16	414	14.78	11
1962.....	236	16.75	417	14.65	13	231	16.82	417	14.53	11
1963.....	235	15.36	423	13.51	12	230	15.38	415	13.43	11
1964.....	239	15.24	432	12.88	12	234	15.31	422	12.84	11
1965.....	235	20.99	433	18.06	13	232	21.30	424	19.03	12
1966.....	239	23.25	441	19.75	13	236	23.49	432	19.77	12
1967.....	240	19.17	450	16.47	13	237	19.37	437	16.43	11
1968.....	238	19.01	444	16.12	13	235	19.19	438	16.20	11
1969.....	235	23.55	443	20.67	13	234	23.71	436	20.76	11
1970.....	240	21.75	449	17.74	12	237	21.95	439	17.83	10

<sup>1</sup> Includes Indianapolis, Kansas City, Omaha, St. Louis, National Stock Yards, Sioux City, South St. Joseph, and South St. Paul. Prior to 1970, included Chicago.

Consumer and Marketing Service.

**Table 484.—Pork cuts (less than carlots): Wholesale price per 100 pounds, New York, 1961-70**

Year	Loins, fresh, 8- to 14-lb. average <sup>1</sup>	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 18-lb. average	Bacon, smoked, slab, 8- to 12-lb. average	Year	Loins, fresh, 8- to 14-lb. average <sup>1</sup>	Butts, Boston style, 4- to 8-lb. average	Hams, smoked, skinned, 14- to 18-lb. average	Bacon, smoked, slab, 8- to 12-lb. average
	Dollars	Dollars	Dollars	Dollars		Dollars	Dollars	Dollars	Dollars
1961.....	47.86	37.65	46.91	42.48	1966.....	56.94	46.16	54.29	55.41
1962.....	47.47	37.10	46.52	39.72	1967.....	51.53	40.91	49.76	44.76
1963.....	44.25	34.26	43.67	36.34	1968.....	50.90	40.31	48.11	42.06
1964.....	44.33	33.44	42.66	36.88	1969.....	57.47	48.73	54.19	47.64
1965.....	33.23	43.05	50.56	48.76	1970.....	56.86	43.43	51.08	49.40

<sup>1</sup> Prior to June 1967, 8-12 pounds.

Consumer and Marketing Service.

Table 485.—Lard, including rendered pork fat: Stocks Jan. 1, production, trade, and disappearance, United States, 1955-70

Year	Supply						Disposition					
	Production				Stocks Jan. 1 <sup>1</sup>	Total <sup>2</sup>	Exports and shipments			Domestic disappearance		
	Federally inspected	Other com- mercial	Farm	Total			Ex- ports <sup>3</sup>	Ship- ments	Total	Total	Direct use	
											Total	Per civilian
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1955.....	2,140	312	208	2,660	104	2,764	562	57	620	1,998	1,639	10.1
1956.....	2,255	304	198	2,757	147	2,904	611	60	672	2,121	1,623	9.8
1957.....	2,080	287	180	2,547	112	2,659	501	62	563	1,994	1,589	9.4
1958.....	1,982	271	173	2,426	101	2,527	389	66	455	1,977	1,640	9.6
1959.....	2,309	300	171	2,780	95	2,875	605	68	673	2,078	1,536	8.8
1960.....	2,127	292	143	2,562	124	2,686	620	61	681	1,912	1,358	7.6
1961.....	2,118	266	130	2,514	94	2,608	417	69	486	2,015	1,393	7.7
1962.....	2,104	261	111	2,476	110	2,586	422	66	488	1,970	1,314	7.1
1963.....	2,117	256	100	2,473	128	2,601	538	57	595	1,887	1,190	6.4
1964.....	2,153	235	85	2,473	119	2,592	683	64	747	1,719	1,193	6.3
1965.....	1,772	208	65	2,045	127	2,172	251	75	326	1,785	1,225	6.4
1966.....	1,696	202	32	1,929	62	1,991	158	63	221	1,670	1,071	5.5
1967.....	1,835	209	32	2,076	100	2,176	189	58	247	1,778	1,055	5.4
1968.....	1,862	167	30	2,059	151	2,210	172	58	230	1,876	1,106	5.6
1969.....	1,755	124	25	1,904	94	1,998	262	67	329	1,606	1,011	5.1
1970 <sup>4</sup> .....	1,776	88	22	1,886	70	1,956	366	53	419	935	935	4.6

<sup>1</sup> Factory and warehouse stocks as reported by the Bureau of the Census.<sup>2</sup> Includes imports, which were less than 500,000 pounds in all years.<sup>3</sup> Includes civilian relief and shipments by CARE.<sup>4</sup> Preliminary.Economic Research Service. Compiled from reports of the U.S. Department of Commerce and the U.S. Department of Agriculture. Totals and per capita estimates computed from unrounded numbers. Data for 1950-54 in *Agricultural Statistics, 1967*, table 488.

Table 486.—Lard, including rendered pork fat: United States exports by country of destination, average 1961-65, annual 1969 and 1970

Continent and country	Average 1961-65	1969	1970 <sup>1</sup>	Continent and country	Average 1961-65	1969	1970 <sup>1</sup>
North America:	1,000 pounds	1,000 pounds	1,000 pounds	Europe:	1,000 pounds	1,000 pounds	1,000 pounds
Canada.....	17,111	19,925	16,147	Austria.....	22		
Costa Rica.....	810			Belgium and Luxem- bourg.....	857	660	2,081
Cuba.....	8,520			France.....	14		15
Dominican Republic.....	10	111		Germany, West.....	14,695	881	807
El Salvador.....	1,002	7	85	Greece.....	1		
Guatemala.....	109		25	Italy.....	2		
Haiti.....	6,836	3,007	1,191	Netherlands.....	958	44	6
Mexico.....	10,384	35,208	44,490	Switzerland.....	1,114		
Netherlands Antilles.....	440	708	790	United Kingdom.....	363,292	186,469	229,299
Panama.....	3,123	1,196	547	Yugoslavia.....	5,904		14,310
Panama Canal Zone.....	73			Other countries.....	4,980	3	17,107
Other countries.....	2,557	3,206	3,514	Total.....	391,839	186,057	293,625
Total.....	50,975	63,368	66,789				
South America:				Africa.....	18	19	30
Bolivia.....	6,248			Asia.....	5,137	8,718	3,600
Brazil.....	3,885	56	93	Oceania.....	4	45	4
Colombia.....	234	518	411	Grand total.....	461,854	261,466	365,923
Ecuador.....	51						
Peru.....	1,535	488	1,356				
Venezuela.....	329	193	11				
Other countries.....	1,599	4	4				
Total.....	13,881	1,259	1,675				

<sup>1</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 487.—Sheep and lambs: Number on farms and value, United States, Jan. 1, 1955-71<sup>1</sup>

Year	All sheep			Stock sheep			Sheep on feed		
	Number	Farm value		Number	Farm value		Number	Farm value	
		Per head	Total		Per head	Total		Per head	Total
	Thousands Dollars	1,000 dollars	Thousands Dollars	Thousands Dollars	1,000 dollars	Thousands Dollars	Thousands Dollars	1,000 dollars	Thousands Dollars
1954 <sup>2</sup>	31,619			26,458					
1955	31,582	14.90	471,490	27,137	14.90	403,524	4,445	15.30	67,996
1956	31,157	14.20	443,878	26,890	14.30	383,271	4,267	14.20	60,607
1957	30,654	15.00	458,581	26,348	14.90	393,264	4,306	15.20	65,317
1958	31,217	19.20	600,445	27,167	19.40	526,475	4,050	18.30	73,970
1959	32,606	20.10	654,852	28,108	20.30	570,865	4,498	18.70	83,987
1959 <sup>3</sup>	33,945			28,159					
1960	33,170	16.50	545,684	28,849	16.50	477,350	4,321	15.80	68,334
1961	32,725	14.90	470,619	28,320	14.60	413,321	4,405	14.40	63,298
1962	30,969	12.90	400,589	26,719	12.90	344,215	4,250	13.30	56,374
1963	29,176	14.60	424,960	25,122	14.40	362,186	4,054	15.50	62,774
1964	27,116	14.10	382,614	23,455	14.00	327,798	3,661	15.00	54,816
1964 <sup>3</sup>	25,597			17,006					
1965	25,127	16.00	401,044	21,843	15.80	346,079	3,284	16.70	54,965
1966	24,734	19.80	490,686	21,456	19.70	422,404	3,278	20.80	68,282
1967	23,898	19.80	472,069	20,661	19.70	407,136	3,237	20.10	64,963
1968	22,140	19.20	425,698	19,105	19.20	365,917	3,035	19.70	59,781
1969	21,238	22.10	468,761	18,332	22.00	403,214	2,906	22.60	65,547
1970	20,288	25.00	506,816	17,411	24.70	430,594	2,877	26.50	76,222
1971 <sup>3</sup>	19,560	23.70	462,906	16,937	23.50	397,528	2,623	24.90	65,378

<sup>1</sup> Beginning 1961, includes Alaska.<sup>2</sup> Italic figures are Census of Agriculture returns from the Bureau of the Census. Census dates were October-November, 1954 and 1959, and November-December, 1964.<sup>3</sup> Preliminary.Statistical Reporting Service. Data for 1967-1954 in *Agricultural Statistics*, 1967, table 490.Table 488.—Sheep and lambs: Number on farms, by classes, United States, Jan. 1, 1955-71<sup>1</sup>

Year	All sheep and lambs	Sheep and lambs on feed	Stock sheep					
			Total	Lambs		1 year and over		
				Ewes	Wethers and rams	Ewes	Rams	Wethers
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1955	31,582	4,445	27,137	3,982	740	21,321	860	234
1956	31,157	4,257	26,890	3,819	687	21,323	851	210
1957	30,654	4,306	26,348	3,709	634	20,976	840	189
1958	31,217	4,050	27,167	4,289	625	21,208	864	181
1959	32,606	4,498	28,108	4,549	647	21,832	893	167
1960	33,170	4,321	28,849	4,562	721	22,406	927	233
1961	32,725	4,405	28,320	4,079	887	22,199	918	237
1962	30,969	4,250	26,719	3,520	855	21,252	868	224
1963	29,176	4,054	25,122	3,319	762	20,028	808	205
1964	27,116	3,661	23,455	3,089	714	18,723	754	175
1965	25,127	3,284	21,843	2,801	650	17,502	722	168
1966	24,734	3,278	21,456	3,010	760	16,850	675	161
1967	23,898	3,237	20,661	2,957	687	16,218	645	154
1968	22,140	3,035	19,105	2,549	568	15,252	589	117
1969	21,238	2,906	18,332	2,463	501	14,690	562	116
1970	20,288	2,877	17,411	2,406	475	13,908	530	92
1971 <sup>2</sup>	19,560	2,623	16,937	2,275	466	13,594	512	90

<sup>1</sup> Beginning 1961, includes Alaska.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics*, 1967, table 491.

Table 489.—Stock sheep: Number on farms by classes, by States, Jan. 1, 1970 and 1971

State and division	Lambs				1 year and over			
	Ewes		Wethers and rams		Ewes		Wethers and rams	
	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
Maine.....	3	3	1	1	11	10	1	1
New Hampshire.....	.9	.9	.2	.2	3.8	3.8	.4	.4
Vermont.....	1	1	.4	.4	4.6	4.5	.3	.3
Massachusetts.....	1.5	1.2	.5	.4	6.4	5.9	.7	.6
Rhode Island.....	.3	.3	.1	.1	1.4	1.3	.1	.1
Connecticut.....	.8	.8	.2	.2	3.8	3.5	.3	.3
New York.....	11	11	2	2	70	68	3	3
New Jersey.....	1.1	1.2	.3	.4	6.9	6.2	.7	.7
Pennsylvania.....	23	22	11	10	122	120	9	8
North Atlantic.....	42	41	16	15	229	223	16	15
Ohio.....	73	69	18	14	490	470	24	22
Indiana.....	34	31	7	9	181	169	10	9
Illinois.....	47	41	8	8	226	195	14	13
Michigan.....	23	24	5	5	151	157	5	5
Wisconsin.....	19	18	4	4	105	98	6	5
East North Central.....	196	183	42	40	1,153	1,089	59	54
Minnesota.....	58	53	4	4	347	323	14	13
Iowa.....	98	87	5	5	526	505	22	21
Missouri.....	25	24	7	7	198	185	7	7
North Dakota.....	39	41	7	7	245	235	9	8
South Dakota.....	131	147	14	14	836	802	29	27
Nebraska.....	19	18	4	4	184	171	8	7
Kansas.....	23	22	18	16	220	205	11	10
West North Central.....	393	392	59	57	2,556	2,426	100	93
Delaware.....	.4	.4	.1	.1	1.6	1.5	.1	.1
Maryland.....	2	2	1	1	16	16	1	1
Virginia.....	26	24	4	3	151	143	8	6
West Virginia.....	21	19	5	5	130	125	7	6
North Carolina.....	2	2	1	1	14	12	1	1
South Carolina.....	.1	.1	.1	.1	1.2	1.1	.2	.2
Georgia.....	.7	.8	.2	.2	4	4	.6	.5
Florida.....	.6	.9	.3	.4	4.3	3.9	.5	.4
South Atlantic.....	53	49	11	11	322	306	18	15
Kentucky.....	8	6	3	4	84	74	5	4
Tennessee.....	4	3	2	2	37	28	2	2
Alabama.....	.8	.7	.4	.3	4.8	4.5	.4	.4
Mississippi.....	3	2	1	1	11	11	2	2
Arkansas.....	.9	1	.4	.5	6.2	6.2	.5	.3
Louisiana.....	3	3	2	2	17	16	2	2
Oklahoma.....	12	9	2	2	85	81	5	5
Texas.....	454	431	225	213	2,690	2,720	139	146
South Central.....	486	456	236	225	2,835	2,941	156	162
Montana.....	213	185	15	17	827	810	30	30
Idaho.....	70	71	5	4	544	544	13	13
Wyoming.....	306	278	11	10	1,343	1,306	53	50
Colorado.....	81	75	15	15	703	640	24	19
New Mexico.....	139	140	18	20	600	569	34	33
Arizona.....	71	72	12	12	321	326	20	20
Utah.....	125	125	7	8	821	820	25	25
Nevada.....	31	27	2	1	163	150	5	5
Washington.....	22	19	1	1	96	99	6	7
Oregon.....	68	55	6	8	360	342	15	17
California.....	107	104	17	20	1,024	992	37	33
Western.....	1,233	1,151	109	116	6,802	6,598	262	252
48 States.....	2,403	2,272	473	464	13,897	13,583	611	591
Alaska.....	3	3	2	2	11	11	11	11
United States.....	2,406	2,275	475	466	13,908	13,594	622	602

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 490.—Stock sheep and lambs: Number on farms and value, by States, Jan. 1, 1969-71

State and division	Number			Farm value					
	1969	1970	1971 <sup>1</sup>	Value per head			Total		
				1969	1970	1971 <sup>1</sup>	1969	1970	1971 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	17	16	15	15.70	17.00	17.00	267	272	255
New Hampshire.....	5.6	5.3	5.3	17.90	20.50	21.00	100	109	111
Vermont.....	6.7	6.3	6.2	17.70	19.50	21.00	119	123	130
Massachusetts.....	10	9.1	8.1	18.60	20.00	20.00	186	182	162
Rhode Island.....	2.1	1.9	1.8	18.60	19.50	19.00	39	37	34
Connecticut.....	5.1	5.1	4.8	19.40	20.00	19.00	107	102	91
New York.....	80	86	85	20.70	21.00	22.00	1,842	1,806	1,870
New Jersey.....	8	8	8.5	19.80	21.50	22.50	158	172	191
Pennsylvania.....	170	165	160	19.00	21.50	22.00	3,230	3,548	3,520
North Atlantic.....	314	303	295	19.30	21.00	21.60	6,048	6,351	6,364
Ohio.....	617	605	575	19.60	21.00	20.00	12,093	12,705	11,500
Indiana.....	247	232	218	18.20	21.00	17.80	4,495	4,872	3,815
Illinois.....	304	295	257	18.00	20.00	17.50	5,472	5,900	4,498
Michigan.....	186	184	191	20.70	21.00	20.00	3,850	3,864	3,820
Wisconsin.....	147	134	125	20.00	22.00	21.50	2,940	2,940	2,688
East North Central.....	1,601	1,450	1,366	19.20	20.90	19.30	28,850	30,289	26,321
Minnesota.....	432	423	393	19.00	20.50	20.00	8,208	8,672	7,860
Iowa.....	685	651	618	20.00	22.50	21.50	13,700	14,648	13,287
Missouri.....	255	237	223	18.00	19.00	18.00	4,590	4,303	4,014
North Dakota.....	309	300	291	20.70	22.00	21.00	6,396	6,600	6,111
South Dakota.....	1,052	1,010	990	28.50	26.50	24.50	24,722	26,765	24,255
Nebraska.....	222	215	200	21.50	24.50	21.50	4,773	5,268	4,300
Kansas.....	286	272	253	22.70	24.50	19.50	6,492	6,664	4,934
West North Central.....	3,241	3,108	2,968	21.30	23.50	21.80	68,881	73,120	64,761
Delaware.....	2	2.2	2.1	17.50	19.00	18.50	35	42	39
Maryland.....	19	20	20	20.30	20.50	19.00	386	410	380
Virginia.....	197	189	176	21.80	22.00	21.50	4,295	4,158	3,784
West Virginia.....	170	163	155	20.60	21.00	19.50	3,502	3,423	3,023
North Carolina.....	20	18	16	17.20	19.50	18.50	344	351	296
South Carolina.....	1.7	1.6	1.5	16.50	19.00	21.00	28	30	32
Georgia.....	5.5	5.5	5.5	14.40	15.00	18.00	79	83	99
Florida.....	6.2	5.7	5.6	11.90	13.00	15.50	74	74	87
South Atlantic.....	421	405	381	20.80	22.20	20.30	8,743	8,571	7,740
Kentucky.....	112	100	88	19.90	20.00	21.00	2,229	2,000	1,848
Tennessee.....	49	45	35	17.00	19.50	18.50	853	878	648
Alabama.....	6.7	6.4	5.9	12.40	15.50	15.00	83	99	89
Mississippi.....	19	17	16	11.80	12.50	16.00	224	213	256
Arkansas.....	8.4	8	8	16.90	17.50	16.00	142	140	128
Louisiana.....	26	24	23	12.30	13.00	16.00	320	312	368
Oklahoma.....	109	104	97	18.00	22.50	21.00	2,060	2,340	2,037
Texas.....	3,787	3,408	3,510	16.80	19.00	17.00	63,622	64,752	59,670
South Central.....	4,117	3,712	3,783	16.90	19.10	17.20	69,513	70,734	65,044
Montana.....	1,130	1,085	1,042	25.40	29.00	27.00	28,702	31,465	28,134
Idaho.....	687	632	632	27.40	32.00	30.00	18,824	20,224	18,960
Wyoming.....	1,766	1,713	1,644	25.40	28.00	28.50	44,856	47,964	46,854
Colorado.....	857	823	749	26.50	30.00	29.50	22,711	24,690	22,096
New Mexico.....	799	791	762	20.50	23.50	22.50	16,380	18,589	17,145
Arizona.....	428	424	430	17.60	20.00	18.00	7,533	8,480	7,740
Utah.....	988	978	978	28.30	32.50	31.50	27,990	31,857	30,807
Nevada.....	309	201	183	27.00	31.50	30.00	5,643	6,332	5,490
Washington.....	130	125	126	26.10	27.50	27.50	3,363	3,438	3,465
Oregon.....	453	449	422	24.80	26.00	27.00	11,978	11,674	11,394
California.....	1,234	1,185	1,149	26.30	30.50	30.00	32,454	36,143	34,470
Western.....	8,711	8,406	8,117	25.30	28.60	27.90	220,434	240,784	226,555
48 States.....	18,305	17,384	16,910	22.00	24.70	23.50	402,469	429,849	396,785
Alaska.....	27	27	27	27.60	27.60	27.50	745	745	743
United States.....	18,332	17,411	16,937	22.00	24.70	23.50	403,214	430,594	397,528

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 491.—Sheep: Number in specified countries, average 1961-65, annual 1969 and 1970

Continent and country	Month of estimate <sup>1</sup>	Average 1961-65	1969	1970 <sup>2</sup>	Continent and country	Month of estimate <sup>1</sup>	Average 1961-65	1969	1970 <sup>2</sup>
		Thou- sands	Thou- sands	Thou- sands			Thou- sands	Thou- sands	Thou- sands
North America:					Europe—Con.				
Canada.....	Dec. 1...	911	602	598	Bulgaria.....	Jan.....	10,070	9,652	9,223
United States <sup>3</sup> .....	Jan. 1...	29,023	21,238	20,288	Czechoslo- vakia.....	Jan. 1...	574	906	977
Guatemala.....	May 1...	729	600	650	Germany, East.....	Dec. 3...	1,922	1,794	1,696
Mexico.....	Dec.....	6,305	5,499	5,321	Hungary.....	Mar.....	3,048	3,277	3,024
Dominican Republic.....		30	25	25	Poland.....	June 30...	3,177	3,239	3,199
Total <sup>4</sup> .....		37,500	28,535	27,463	Romania.....	Jan.....	12,217	14,298	13,836
South America:					Yugoslavia.....	Jan. 15...	10,232	9,730	8,974
Argentina.....	June 30...	48,127	44,300	43,000	Total Eastern Europe <sup>4</sup> .....		42,834	44,521	42,551
Brazil.....	Dec. 31...	19,967	24,606	24,449	Total Europe <sup>4</sup> .....		124,321	122,473	119,882
Chile.....	Dec.....	6,535	6,506	6,400	U.S.S.R. (Europe and Asia).....	Jan. 1...	133,860	140,600	130,700
Colombia.....	Jan. 1...	1,550	1,870	1,960	Africa:				
Ecuador.....	Aug.....	1,827	2,231	2,308	Rhodesia.....	Dec. 31...	372	634	
Peru.....	July 1...	14,454	15,000	14,500	South Africa, Republic of.....	June 30...	39,661	40,350	40,415
Uruguay.....	June 30...	21,860	19,900	18,900	Total <sup>4</sup> .....		125,747	131,909	131,967
Total <sup>4</sup> .....		121,256	121,321	118,420	Asia:				
Europe:					Cyprus.....	Dec.....	418	405	415
Austria.....	Dec.....	158	126	121	Iran.....	Mar. 1...	21,445	34,000	35,000
Belgium.....	Dec.....	61	84	85	Turkey (Europe and Asia).....	Dec. 31...	32,863	36,587	36,351
Luxembourg.....	May.....	2	4	3	Japan.....	Feb. 1...	410	64	50
Denmark.....	July.....	65	90	70	Total <sup>4</sup> .....		221,063	254,257	257,188
Finland.....	June.....	168	101	110	Oceania:				
France.....	Oct. 1...	8,876	9,506	10,037	Australia.....	Mar.....	160,924	174,602	180,079
Germany, West.....	Dec.....	964	830	841	New Zealand.....	June.....	50,536	59,937	60,276
Greece.....	Dec.....	8,773	7,800	7,449	Total <sup>4</sup> .....		211,474	234,532	240,368
Ireland.....	Jan.....	3,316	2,852	2,788	World total <sup>4,5</sup> .....		975,221	1,033,647	1,025,988
Italy.....	Jan.....	7,956	8,206	8,137					
Netherlands.....	Dec.....	463	554	610					
Norway.....	Dec.....	1,010	938	873					
Portugal.....	Dec.....	6,586	6,700	6,750					
Spain.....	Mar.....	21,116	18,962	18,800					
Sweden.....	June.....	188	342	328					
Switzerland.....	Apr.....	238	290	291					
United Kingdom.....	Dec.....	20,689	19,667	19,157					
Total Western Europe <sup>4</sup> .....		81,486	77,952	77,331					

<sup>1</sup> Estimates for countries falling in October-December are shown in the following year for comparisons.<sup>2</sup> Preliminary.<sup>3</sup> 50 States.<sup>4</sup> Includes allowances for missing data for countries shown and for other producing countries not shown.<sup>5</sup> May not add due to rounding.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 492.—Sheep and lambs on feed: Number and total farm value Jan. 1, by States, 1969-71

State and division	Number <sup>1</sup>			Total farm value		
	1969	1970	1971 <sup>2</sup>	1969	1970	1971 <sup>2</sup>
	Thousands	Thousands	Thousands	1,000 dollars	1,000 dollars	1,000 dollars
New York.....	14	14	13	300	344	286
Ohio.....	127	123	118	2,638	2,947	2,707
Indiana.....	35	34	33	778	847	703
Illinois.....	106	100	60	2,195	2,396	1,367
Michigan.....	69	64	60	1,607	1,716	1,451
Wisconsin.....	35	33	26	773	810	559
East North Central.....	386	368	310	8,291	9,059	7,073
Minnesota.....	144	131	111	3,197	3,239	2,472
Iowa.....	257	218	179	5,705	5,774	3,849
Missouri.....	51	51	49	1,071	1,257	1,562
North Dakota.....	75	77	77	1,630	1,883	1,617
South Dakota.....	188	145	131	4,542	3,843	3,210
Nebraska.....	171	162	170	3,755	3,969	3,655
Kansas.....	100	106	75	2,309	2,408	1,462
West North Central.....	986	890	792	22,209	22,373	17,827
Oklahoma.....	27	34	25	510	834	525
Texas.....	242	300	279	3,662	7,554	6,638
Montana.....	95	95	100	2,291	2,755	2,700
Idaho.....	165	153	141	4,265	4,896	3,844
Wyoming.....	94	140	90	2,016	3,920	2,565
Colorado.....	480	440	480	12,051	11,937	12,831
New Mexico.....	41	43	37	840	1,010	833
Arizona.....	72	84	76	1,367	2,696	2,380
Utah.....	65	75	80	1,629	1,911	1,991
Nevada.....	22	26	23	594	705	587
Washington.....	23	16	18	616	440	495
Oregon.....	86	81	57	2,133	2,106	1,539
California.....	122	132	115	3,073	4,026	3,450
Western.....	1,534	1,619	1,521	35,047	44,790	40,478
United States.....	2,906	2,877	2,623	65,547	76,222	65,378

<sup>1</sup> Sheep and lambs on feed are animals being fattened for slaughter market on grain, other concentrates, or succulent pastures, and are expected to produce a carcass that will grade Good or better.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 493

<sup>1</sup> Lambs saved defined as lambs living July 1, or sold before July 1 in the native States, and lambs docked or branded in the Western States.

<sup>2</sup> Preliminary.

Statistical Reporting Service.

Table 493.—Lamb crop: Number of lambs saved and number as percentage of ewes 1 year old and older, by States, 1968-70 <sup>1</sup>

State and division	1968		1969		1970 <sup>2</sup>	
	Number	Lambs saved as percent of ewes one year old and over, Jan. 1	Number	Lambs saved as percent of ewes one year old and over, Jan. 1	Number	Lambs saved as percent of ewes one year old and over, Jan. 1
	Thousands	Percent	Thousands	Percent	Thousands	Percent
Maine.....	13	100	12	100	12	109
New Hampshire.....	4.0	105	3.9	98	3.8	100
Vermont.....	5.2	98	4.9	98	4.5	98
Massachusetts.....	7.1	101	6.8	97	6.1	95
Rhode Island.....	1.3	93	1.4	93	1.4	100
Connecticut.....	3.8	100	4.0	100	3.8	100
New York.....	77	104	75	104	70	100
New Jersey.....	6.3	103	6.0	102	6.3	107
Pennsylvania.....	134	106	126	102	123	101
North Atlantic.....	251	104	240	102	231	101
Ohio.....	512	99	494	98	473	97
Indiana.....	231	110	217	110	200	110
Illinois.....	272	109	254	106	248	110
Michigan.....	167	108	165	108	160	106
Wisconsin.....	142	115	130	112	118	112
East North Central.....	1,324	106	1,260	104	1,199	104
Minnesota.....	411	113	392	109	397	114
Iowa.....	599	106	586	105	555	106
Missouri.....	245	105	222	104	207	105
North Dakota.....	297	109	272	107	275	112
South Dakota.....	965	106	890	103	853	102
Nebraska.....	210	102	197	104	191	104
Kansas.....	283	99	246	103	221	100
West North Central.....	3,010	106	2,805	105	2,699	106
Delaware.....	1.6	100	1.6	107	1.5	94
Maryland.....	15	100	16	107	16	100
Virginia.....	199	116	183	115	175	116
West Virginia.....	153	112	150	112	145	112
North Carolina.....	17	106	15	100	14	100
South Carolina.....	1.2	80	1.0	83	.9	75
Georgia.....	3.2	77	2.9	74	3.0	75
Florida.....	3.8	86	3.6	84	3.5	81
South Atlantic.....	394	113	373	112	359	111
Kentucky.....	130	116	101	107	89	106
Tennessee.....	43	91	38	95	34	92
Alabama.....	5.0	93	4.5	90	4.3	90
Mississippi.....	12	86	11	85	9.5	86
Arkansas.....	6.7	93	6.2	95	5.7	92
Louisiana.....	13	65	12	67	11	65
Oklahoma.....	91	102	91	103	86	101
Texas.....	2,369	79	2,302	80	2,383	92
South Central.....	2,670	81	2,566	82	2,622	92
Montana.....	826	95	792	92	769	93
Idaho.....	688	113	655	112	609	112
Wyoming.....	1,203	86	1,163	84	1,115	83
Colorado.....	762	100	740	100	717	102
New Mexico.....	512	81	478	78	493	82
Arizona.....	248	79	254	79	254	79
Utah.....	760	92	764	92	780	95
Nevada.....	167	92	155	91	153	94
Washington.....	118	115	109	109	111	116
Oregon.....	412	101	376	95	364	101
California.....	1,051	91	967	90	932	91
Western.....	6,777	93	6,453	91	6,297	93
48 States.....	14,426	94	13,697	93	13,407	96
Alaska.....	7.0	64	6.0	55	6.0	55
United States.....	14,433	94	13,703	93	13,413	96

See footnotes on page 336.

Table 494.—Sheep and lambs: Production, disposition, cash receipts, and gross income, United States, 1961-70<sup>1</sup>

Year	Lamb crop <sup>2</sup>	Marketings <sup>3</sup>		Shipped in		Farm slaughter	
		Sheep	Lambs	Sheep for feeding and breeding	Lamb for feeding <sup>4</sup>	Sheep	Lambs <sup>4,5</sup>
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head	1,000 head
1961	20,782	3,992	19,632	541	5,391	118	229
1962	19,712	3,788	18,783	636	5,198	113	218
1963	18,516	3,720	17,956	620	4,962	113	212
1964	16,994	3,437	16,757	735	4,838	107	193
1965	16,312	2,454	15,213	-----	5,165	-----	294
1966	15,881	2,815	14,699	-----	4,679	-----	268
1967	15,003	2,928	13,948	-----	4,010	-----	245
1968	14,433	2,295	13,436	-----	4,028	-----	235
1969	13,703	2,400	12,520	-----	3,957	-----	233
1970 <sup>6</sup>	13,413	2,105	12,446	-----	3,862	-----	251

  

Year	Quantity produced (live weight) <sup>7</sup>	Value of production <sup>7</sup>	Cash receipts for sales of sheep, lambs, mutton, and lamb <sup>8</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>9</sup>	Cost of sheep and lambs shipped in for feeding and breeding	Average price per 100 pounds received by farmers	
							Sheep	Lambs
	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Dollars	Dollars
1961	1,646,105	227,191	297,006	3,246	300,251	56,546	5.20	15.80
1962	1,490,722	241,563	318,862	3,471	322,333	64,080	5.63	17.85
1963	1,403,141	230,879	312,367	3,461	315,828	63,162	5.76	18.10
1964	1,330,507	235,756	318,176	3,407	321,583	69,685	6.00	19.90
1965	1,217,139	257,160	328,609	3,865	332,474	73,633	6.34	22.80
1966	1,250,534	261,435	334,189	4,525	338,714	71,155	6.84	23.40
1967	1,142,891	229,628	300,363	4,212	304,555	54,237	6.35	22.10
1968	1,130,250	250,708	314,842	4,551	319,393	60,443	6.55	24.40
1969	1,037,076	258,424	332,948	5,504	338,452	69,665	8.24	27.20
1970 <sup>6</sup>	1,082,268	254,051	324,882	5,737	330,619	66,723	7.64	26.40

<sup>1</sup> Includes Alaska.<sup>2</sup> Lambs saved during the year.<sup>3</sup> Excludes interfarm sales, but includes animals custom slaughtered for use on farms where produced.<sup>4</sup> Beginning 1965, sheep and lambs combined.<sup>5</sup> Beginning 1966, excludes custom slaughter.<sup>6</sup> Preliminary.<sup>7</sup> Adjustments were made for sheep and lambs shipped in and changes in inventory.<sup>8</sup> Includes receipts from marketings and from sales of farm-slaughtered meat.<sup>9</sup> Cash receipts from sales of sheep, lambs, mutton, and lamb plus value of sheep and lambs slaughtered for home consumption.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 497.

## FOOTNOTES FOR TABLE 495

<sup>1</sup> Excludes interfarm sales, but includes animals custom slaughtered for use on farms where produced.<sup>2</sup> Does not include animals custom slaughtered for farmers at commercial establishments.<sup>3</sup> Adjustments made for inshipments and changes in inventory.<sup>4</sup> Includes receipts from marketings and from sales of farm-slaughtered meat.<sup>5</sup> Cash receipts from sales of sheep, lambs, mutton, and lamb plus value of sheep and lambs slaughtered for home consumption.

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## SHEEP AND LAMBS

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Table 495.—Sheep and lambs: Production, disposition, cash receipts, and gross income, by States, 1970 (preliminary)

State and division	Marketings <sup>1</sup>		Shipped in	Slaughter on farms <sup>2</sup>	Quantity produced (live weight) <sup>3</sup>	Value of production <sup>4</sup>	Cash receipts from sales of sheep, lambs, mutton, and lamb <sup>4</sup>	Value of sheep and lambs slaughtered for home consumption	Gross income <sup>5</sup>	Cost of sheep and lambs shipped in for feeding and breeding
	Sheep	Lambs								
	1,000 head	1,000 head	1,000 head	1,000 head	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	4	6		1	925	171	151	27	178	
New Hampshire.....	8	1.9		2	264	50	43	6	49	
Vermont.....	1.2	2.2		.3	343	64	55	9	64	
Massachusetts.....	2.1	3.6		.1	367	78	94	3	97	
Rhode Island.....	4	7		.1	94	19	18	3	21	
Connecticut.....	1.0	2.1		.2	273	57	54	5	59	
New York.....	4	51	10	3	4,414	1,062	1,104	90	1,194	155
New Jersey.....	6	3.2		.5	430	93	68	14	82	
Pennsylvania.....	17	75		3	7,185	1,788	1,820	87	1,907	
North Atlantic.....	31	146	10	8	14,295	3,382	3,407	244	3,651	155
Ohio.....	49	374	48	6	36,363	8,804	9,830	180	10,010	895
Indiana.....	30	167	25	2	15,752	3,808	4,374	76	4,450	463
Illinois.....	73	324	124	2	23,318	5,615	9,301	76	9,377	2,513
Michigan.....	4	133	18	2	12,581	3,167	3,385	71	3,456	331
Wisconsin.....	18	103	15	1	9,796	2,223	2,657	35	2,692	265
East North Central.....	174	1,101	230	13	97,810	23,617	29,547	438	29,985	4,467
Minnesota.....	61	483	191	2	39,066	9,714	13,538	78	13,616	3,270
Iowa.....	108	736	380	2	50,854	12,922	21,761	75	21,836	7,318
Missouri.....	12	167	23	2	15,156	4,102	4,545	73	4,618	354
North Dakota.....	37	232	45	2	22,249	5,304	5,974	80	6,054	726
South Dakota.....	101	740	150	3	68,271	16,851	19,745	97	19,842	2,891
Nebraska.....	52	289	202	1	19,546	5,273	8,572	39	8,611	3,402
Kansas.....	42	332	156	1	21,433	5,131	8,271	39	8,310	2,532
West North Central.....	413	2,979	1,147	13	236,575	59,297	82,406	481	82,887	20,493
Delaware.....	3	8		.1	103	22	23		23	
Maryland.....	2	10		1	1,162	281	249	36	285	
Virginia.....	23	126	4	1	12,823	3,119	3,311	37	3,348	69
West Virginia.....	20	102	1	1	11,136	2,424	2,445	36	2,481	8
North Carolina.....	3	7		1	678	148	139	28	167	
South Carolina.....	2	3		.1	34	8	6	3	9	
Georgia.....	1.1	1.2	.9	.2	107	31	30	7	37	2
Florida.....	1.1	1.2		.4	199	39	27	9	36	
South Atlantic.....	51	248	6	5	26,242	6,072	6,230	156	6,386	79
Kentucky.....	12	65	2	1	5,899	1,656	1,792	40	1,832	27
Tennessee.....	13	22	1		2,132	511	625		625	9
Alabama.....	8	2.1		.4	232	47	45	9	54	
Mississippi.....	3.0	3.5		1.0	538	84	80	25	105	
Arkansas.....	8	3.1		.2	358	77	71	4	75	
Louisiana.....	3	3		2	564	90	72	29	101	
Oklahoma.....	12	96	25		7,320	1,707	2,337		2,337	392
Texas.....	238	1,712	150	8	170,085	37,082	38,507	208	39,015	2,553
South Central.....	282	1,907	178	13	187,138	41,254	43,829	315	44,144	2,981
Montana.....	154	484	64	3	54,272	11,175	12,674	78	12,752	1,006
Idaho.....	84	806	381	6	60,367	15,254	21,702	151	21,853	6,234
Wyoming.....	272	825	165	6	75,536	15,227	19,174	198	19,372	2,192
Colorado.....	203	1,323	952	9	80,377	20,446	37,129	314	37,443	17,239
New Mexico.....	177	269	123	45	35,528	6,689	7,452	680	8,132	1,160
Arizona.....	50	190	110	75	20,597	3,979	4,513	1,272	5,785	1,828
Utah.....	58	607	100	25	61,384	14,457	15,859	608	16,467	2,040
Nevada.....	23	162	60	4	10,558	2,722	4,045	86	4,131	1,097
Washington.....	4	90	26	3	8,911	2,129	2,415	98	2,513	437
Oregon.....	23	316	44	6	27,180	6,414	7,911	170	8,081	787
California.....	106	993	266	15	87,441	21,923	26,580	443	27,023	4,528
Western.....	1,154	6,065	2,291	198	520,151	120,415	159,454	4,098	163,552	38,548
48 States.....	2,105	12,446	3,862	250	1,082,213	254,037	324,873	5,732	330,605	66,723
Alaska.....				.5	55	14	9	5	14	
United States.....	2,105	12,446	3,862	251	1,082,268	254,051	324,882	5,737	330,619	66,723

See footnotes on page 338.

Table 496.—Sheep and lambs: Total receipts at public stockyards, 1961-70 <sup>1</sup>

Year	Chi- cago	Denver	Fort Worth	Kansas City	Omaha	National Stock Yards	South St. Joseph	South St. Paul	Sioux City	Total 9 mar- kets <sup>2</sup>	All others report- ing <sup>3</sup>	Total markets report- ing <sup>2,3</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
1961----	297	1,884	1,315	809	868	329	618	1,138	560	7,818	4,743	12,561
1962----	261	1,761	1,149	758	713	300	532	993	494	6,961	4,285	11,246
1963----	143	1,565	711	633	610	231	398	850	442	5,583	3,332	8,905
1964----	153	1,163	619	507	567	164	330	804	362	4,669	2,924	7,593
1965----	136	989	459	438	424	121	203	616	310	3,726	2,448	6,169
1966----	137	758	424	411	401	111	226	625	302	3,395	3,029	6,424
1967----	172	488	557	206	370	96	215	589	250	2,943	2,729	5,672
1968----	167	302	444	165	236	90	257	549	195	2,405	2,574	4,979
1969----	60	191	393	118	160	81	277	491	171	1,942	2,309	4,251
1970----	24	137	351	69	134	86	253	333	153	1,540	2,155	3,695

<sup>1</sup> Total rail and truck receipts unloaded at public stockyards. Beginning January 1962, truck receipts discontinued.

<sup>2</sup> Rounded totals of complete figures.

<sup>3</sup> The number of stockyards reporting varies from 44 to 68.

Consumer and Marketing Service. Compiled from reports received from stockyard companies. Data for 1950-60 in *Agricultural Statistics, 1967*, table 500.

Table 497.—Sheep and lambs: Number slaughtered commercially, total and average live weight, by States, 1970 <sup>1</sup>

State	Number slaugh- tered	Total live weight	Average live weight	State	Number slaugh- tered	Total live weight	Average live weight
	Thou- sands	1,000 pounds	Pounds		Thou- sands	1,000 pounds	Pounds
New England <sup>2</sup> -----	13.6	1,155	85	Florida-----	0.6	43	72
New York-----	69.9	6,610	95	Kentucky-----	177.8	15,703	105
New Jersey-----	800.0	78,193	98	Tennessee-----	22.1	2,128	96
Pennsylvania-----	106.9	9,796	91	Alabama-----	.5	53	106
Ohio-----	68.2	6,467	95	Mississippi-----	.1	15	150
Indiana-----	10.3	931	90	Arkansas-----	.2	20	100
Illinois-----	702.5	75,614	108	Louisiana-----	3.5	274	78
Michigan-----	369.5	36,670	99	Oklahoma-----	1.7	169	99
Wisconsin-----	4.8	473	99	Texas-----	1,354.0	128,904	95
Minnesota-----	359.5	38,940	108	Montana-----	2.1	212	101
Iowa-----	454.5	48,178	106	Idaho-----	9.5	1,046	110
Missouri-----	246.0	25,158	102	Wyoming-----	2.8	320	114
North Dakota-----	.8	80	100	Colorado-----	1,497.5	163,868	109
South Dakota-----	377.0	40,625	108	New Mexico-----	73.1	7,981	109
Nebraska-----	954.5	100,387	105	Arizona-----	1.6	170	106
Kansas-----	2.5	255	102	Utah-----	847.0	89,400	106
Delaware and Maryland-----	41.7	4,098	98	Nevada-----	2.1	212	101
Virginia-----	2.3	226	98	Washington-----	188.1	20,911	111
West Virginia-----	3.4	357	105	Oregon-----	125.4	13,302	106
North Carolina-----	1.1	103	94	California-----	1,653.0	177,071	107
South Carolina-----	.1	8	80	48 States-----	10,551.8	1,099,036	104
Georgia-----							

<sup>1</sup> Includes slaughter in federally inspected and other slaughter plants; excludes animals slaughtered on farms. Average live weight is based on unrounded numbers.

<sup>2</sup> Includes Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.

Statistical Reporting Service.

Table 498.—Sheep and lambs: Number slaughtered, United States, 1955-70<sup>1</sup>

Year	Commercial			Farm	Total	Year	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>2</sup>				Federally inspected	Other	Total <sup>2</sup>		
	Thousands	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands	Thousands
1955.....	14,383	1,832	16,215	338	16,553	1953....	13,955	1,867	15,822	325	16,147
1956.....	14,228	1,765	15,993	335	16,328	1964....	12,947	1,647	14,595	300	14,895
1957.....	13,234	1,723	14,957	335	15,292	1965....	11,710	1,297	13,006	294	13,300
1958.....	12,397	1,767	14,164	331	14,495	1966 <sup>3</sup> ..	11,553	1,184	12,737	267	13,003
1959.....	13,466	1,714	15,180	348	15,528	1967....	11,516	1,275	12,790	244	13,034
1960.....	14,036	1,863	15,899	341	16,240	1968....	10,888	996	11,884	235	12,119
1961.....	15,036	2,154	17,190	347	17,537	1969....	10,070	621	10,691	232	10,923
1962.....	14,692	2,145	16,837	331	17,168	1970....	10,010	542	10,552	250	10,802

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.<sup>2</sup> Totals are based on unrounded numbers.<sup>3</sup> Beginning 1966, custom slaughter in plants for farmers is included in commercial slaughter and excluded from farm slaughter.Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 502.Table 499.—Sheep and lambs: Number slaughtered under Federal inspection, and percentage distribution, by classes, 1961-70<sup>1</sup>

Year	Number		Percentage of total		Year	Number		Percentage of total	
	Lambs and yearlings	Sheep	Lambs and yearlings	Sheep		Lambs and yearlings	Sheep	Lambs and yearlings	Sheep
	Thousands	Thousands	Percent	Percent		Thousands	Thousands	Percent	Percent
1961.....	14,169	867	94.2	6.8	1966.....	10,795	758	93.4	6.6
1962.....	13,762	930	93.7	6.3	1967.....	10,735	781	93.2	6.8
1963.....	13,171	784	94.4	5.6	1968.....	10,198	690	93.7	6.3
1964.....	12,230	717	94.5	5.5	1969.....	9,340	728	92.8	7.2
1965.....	11,064	646	94.5	5.5	1970.....	9,298	711	92.9	7.1

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 504.



**Table 500.—Sheep and lambs: Number slaughtered under Federal inspection, average live weight, and average cost to slaughterers, by seasons, 1961-70 <sup>1</sup>**

Year beginning May	Number slaughtered <sup>2</sup>			Average live weight			Average cost per 100 pounds, live weight		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	Thousands	Thousands	Thousands	Pounds	Pounds	Pounds	Dollars	Dollars	Dollars
1961.....	8,937	6,075	15,012	95	101	97	15.40	16.83	16.00
1962.....	8,643	5,721	14,363	95	101	98	18.45	18.66	18.53
1963.....	8,228	5,468	13,696	96	102	98	18.43	19.67	18.95
1964.....	7,531	4,940	12,471	96	103	99	20.39	22.46	21.25
1965.....	6,913	4,607	11,520	98	105	101	22.94	25.79	24.13
1966.....	6,949	4,911	11,860	101	105	102	21.84	21.56	21.72
1967.....	6,640	4,421	11,061	99	105	102	22.39	24.19	23.13
1968.....	6,504	4,264	10,768	100	107	103	24.38	26.76	25.35
1969.....	5,840	4,157	9,997	102	108	104	26.60	27.61	27.03
1970.....	5,804	.....	.....	102	.....	.....	25.80	.....	.....

<sup>1</sup> Excludes slaughter in Alaska, Hawaii, and the Virgin Islands.<sup>2</sup> Totals are based on unrounded numbers. In recent years, the carcass weight of sheep and lambs has averaged about 49 percent of the live weight.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 505.**Table 501.—Sheep and lambs: Average price per 100 pounds at Omaha, 1961-70 <sup>1</sup>**

Year beginning May	Sheep			Lambs			Year beginning May	Sheep			Lambs		
	May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.		May-Nov.	Dec.-Apr.	May-Apr.	May-Nov.	Dec.-Apr.	May-Apr.
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.		Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1961....	4.05	5.58	4.69	16.68	17.20	16.87	1966....	5.72	5.80	6.91	23.14	21.79	27.10
1962....	5.10	6.12	5.53	19.90	18.99	19.52	1967....	5.82	5.94	5.86	24.80	25.20	24.97
1963....	4.69	5.17	4.89	19.85	20.09	19.95	1968....	5.84	7.78	6.65	27.07	27.50	27.25
1964....	4.88	5.20	5.01	21.29	22.82	21.93	1969....	7.86	8.05	7.94	28.97	27.98	28.55
1965....	4.89	6.22	6.03	23.83	26.20	24.85	1970....	7.07	5.80	6.54	27.55	26.03	26.92

<sup>1</sup> Simple average of monthly bulk-of-sales prices from data of the livestock reporting service.Consumer and Marketing Service. Data for 1957-60 in *Agricultural Statistics, 1967*, table 506.

Table 502.—Livestock: Average price per 100 pounds received by farmers, by States, 1969 and 1970

State and division	Cows <sup>1</sup>		Steers and heifers		Beef cattle <sup>2</sup>		Calves	
	1969	1970	1969	1970	1969	1970	1969	1970
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Maine.....	19.10	20.60	24.90	25.60	19.60	21.00	29.90	31.00
New Hampshire.....	18.80	20.10	24.20	25.10	19.30	20.60	29.40	30.50
Vermont.....	17.50	19.10	22.20	23.50	17.90	19.40	28.70	29.70
Massachusetts.....	18.60	20.40	22.60	23.90	19.00	20.80	29.40	30.50
Rhode Island.....	18.60	20.40	23.40	24.20	18.80	20.60	29.70	30.50
Connecticut.....	18.60	20.40	24.00	24.60	18.90	20.70	29.70	30.50
New York.....	19.30	20.70	25.40	26.00	20.00	21.80	32.90	34.70
New Jersey.....	19.00	20.20	24.80	26.70	19.80	21.10	32.10	33.20
Pennsylvania.....	19.30	21.00	28.30	28.90	23.00	25.20	36.80	39.20
North Atlantic.....	19.10	20.60	27.50	28.20	21.20	22.80	33.40	35.40
Ohio.....	19.40	20.20	28.00	28.70	25.60	26.40	36.90	37.60
Indiana.....	19.20	20.00	27.90	28.20	26.90	27.10	32.40	34.40
Illinois.....	19.10	20.60	28.20	28.70	26.80	27.50	32.40	33.70
Michigan.....	19.40	20.80	26.70	28.00	24.20	25.80	32.00	37.60
Wisconsin.....	19.40	20.50	26.30	26.90	21.10	22.00	34.50	38.10
East North Central.....	19.30	20.50	27.90	28.40	25.30	26.10	34.40	37.80
Minnesota.....	19.80	21.10	27.50	27.90	24.50	25.50	34.40	39.20
Iowa.....	19.80	21.00	29.10	29.80	27.80	28.20	30.90	32.90
Missouri.....	18.90	19.90	28.40	29.10	27.00	27.90	30.20	32.50
North Dakota.....	19.00	19.50	27.20	28.80	25.20	26.40	32.80	35.00
South Dakota.....	18.60	19.70	28.20	28.80	26.50	27.20	32.90	35.10
Nebraska.....	19.00	20.50	28.70	29.10	27.80	28.30	32.80	35.30
Kansas.....	19.00	20.30	27.90	29.20	26.10	27.70	30.80	33.70
West North Central.....	19.30	20.50	28.40	29.00	26.80	27.70	31.90	34.20
Delaware.....	18.60	19.90	27.40	28.10	21.20	22.20	34.70	39.00
Maryland.....	19.10	20.10	27.70	28.30	22.80	23.60	35.50	39.80
Virginia.....	18.40	19.40	23.70	24.70	21.30	22.90	33.10	34.90
West Virginia.....	17.20	18.80	25.40	27.10	21.60	23.20	32.80	35.40
North Carolina.....	19.10	20.70	25.40	26.80	21.80	23.30	32.70	35.20
South Carolina.....	18.40	20.10	25.30	27.30	22.00	23.90	30.80	34.80
Georgia.....	18.50	20.20	25.40	27.40	22.30	24.10	29.90	33.50
Florida.....	20.00	21.00	26.30	28.00	23.90	25.20	30.20	33.10
South Atlantic.....	18.80	20.20	25.40	26.90	22.40	23.90	31.20	34.30
Kentucky.....	18.70	19.50	27.00	28.90	24.60	26.20	33.30	34.80
Tennessee.....	17.80	18.70	26.00	27.70	22.90	24.30	32.40	35.00
Alabama.....	18.80	21.10	26.50	28.70	23.80	26.10	29.90	33.40
Mississippi.....	18.10	19.90	26.00	27.90	22.10	24.00	30.50	34.10
Arkansas.....	18.30	20.00	27.00	29.40	24.00	26.20	31.00	34.50
Louisiana.....	18.80	20.30	26.80	30.20	22.20	24.40	29.80	34.50
Oklahoma.....	18.50	19.60	28.20	29.50	26.10	27.30	31.30	34.40
Texas.....	18.60	19.60	28.60	29.60	26.00	27.30	31.00	33.20
South Central.....	18.50	19.70	28.00	29.30	25.20	26.70	31.00	34.10
Montana.....	20.80	21.50	27.50	29.00	25.70	27.00	32.70	35.50
Idaho.....	19.30	20.80	28.10	29.00	25.70	26.80	31.90	35.10
Wyoming.....	19.40	21.00	28.00	29.20	26.00	27.40	33.90	37.20
Colorado.....	19.60	22.30	29.60	29.90	29.10	29.30	33.40	36.20
New Mexico.....	19.00	20.40	28.50	29.10	27.60	28.40	31.30	33.20
Arizona.....	19.10	19.50	28.90	28.90	28.20	28.30	30.60	33.30
Utah.....	18.70	20.20	27.00	27.90	24.40	25.60	31.20	34.20
Nevada.....	19.20	20.10	27.80	29.30	26.80	28.40	30.90	33.50
Washington.....	18.80	19.80	27.00	28.10	25.50	27.00	32.60	35.60
Oregon.....	18.30	19.60	27.60	28.20	25.20	26.00	30.10	32.80
California.....	19.70	20.90	28.50	29.30	27.60	27.50	29.00	32.10
Western.....	19.50	20.90	28.60	29.20	27.40	27.90	31.70	34.50
Alaska.....	17.70	19.90	29.60	27.80	24.20	25.40	31.70	32.70
Hawaii.....	16.80	17.60	24.70	25.30	22.50	23.40	-----	-----
United States.....	19.10	20.30	28.30	29.00	26.20	27.10	31.50	34.50

See footnotes at end of table.

Table 502.—Livestock: Average price per 100 pounds received by farmers, by States, 1969 and 1970—Continued

State and division	Hogs		Sheep		Lambs	
	1969 <sup>1</sup>	1970 <sup>2</sup>	1969	1970	1969	1970
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
Maine.....	20.60	18.50	7.10	8.60	23.00	24.00
New Hampshire.....	20.70	18.50	7.10	8.60	24.10	25.00
Vermont.....	21.20	19.00	7.10	8.60	24.00	25.00
Massachusetts.....	20.80	18.50	6.90	8.40	25.20	26.00
Rhode Island.....	21.10	19.00	6.90	8.40	25.20	26.00
Connecticut.....	21.20	19.00	6.90	8.40	25.20	26.00
New York.....	22.40	23.70	7.60	7.60	26.30	25.30
New Jersey.....	22.30	23.10	9.20	10.70	27.30	26.90
Pennsylvania.....	22.50	23.90	7.60	7.60	26.40	27.20
North Atlantic.....	22.20	23.10	7.43	7.98	26.10	26.30
Ohio.....	22.50	23.20	7.80	8.00	26.80	26.60
Indiana.....	22.50	22.80	8.00	7.90	26.90	26.00
Illinois.....	22.20	23.20	6.90	7.30	26.40	27.00
Michigan.....	22.40	22.90	8.40	8.90	27.20	27.20
Wisconsin.....	21.90	22.50	6.70	6.20	26.50	25.10
East North Central.....	22.30	23.00	7.44	7.51	26.70	26.70
Minnesota.....	22.30	22.20	7.80	7.40	27.50	26.40
Iowa.....	22.20	22.60	7.10	7.10	26.80	27.00
Missouri.....	22.40	23.20	7.40	6.90	27.10	26.50
North Dakota.....	21.70	21.80	6.40	6.20	26.10	25.90
South Dakota.....	21.90	21.90	6.70	6.30	26.70	26.70
Nebraska.....	22.20	22.30	7.80	7.30	28.00	27.50
Kansas.....	22.10	22.30	7.00	6.40	27.30	26.60
West North Central.....	22.20	22.50	7.09	6.81	27.00	26.70
Delaware.....	22.40	24.70	7.00	7.60	27.30	27.10
Maryland.....	22.30	24.40	7.00	7.40	27.30	27.10
Virginia.....	22.20	23.50	6.40	6.70	27.00	26.20
West Virginia.....	21.70	22.80	6.90	6.80	26.60	25.10
North Carolina.....	21.70	22.40	6.10	6.00	24.60	22.50
South Carolina.....	20.80	21.90	6.30	6.50	24.50	24.00
Georgia.....	21.80	22.70	6.30	6.00	25.50	26.00
Florida.....	21.00	21.90	7.00	6.50	25.00	24.00
South Atlantic.....	21.70	22.60	6.63	6.71	26.80	25.70
Kentucky.....	22.00	22.80	7.60	8.10	27.40	27.30
Tennessee.....	21.90	22.50	7.30	7.70	27.00	26.00
Alabama.....	20.80	22.20	6.50	5.80	26.00	23.60
Mississippi.....	21.30	22.60	6.50	6.50	26.00	25.00
Arkansas.....	20.80	23.00	8.00	8.00	25.00	24.50
Louisiana.....	21.00	23.00	8.20	8.50	23.30	23.50
Oklahoma.....	21.60	22.60	7.20	6.10	25.60	26.00
Texas.....	21.60	22.50	11.30	11.20	26.40	24.80
South Central.....	21.50	22.60	11.00	10.50	26.40	25.00
Montana.....	21.40	22.40	7.30	6.80	27.50	26.10
Idaho.....	21.70	22.70	6.60	7.00	27.60	26.00
Wyoming.....	21.40	21.90	6.90	7.00	27.00	26.30
Colorado.....	23.10	23.10	7.30	7.50	29.00	28.00
New Mexico.....	22.00	22.50	8.10	8.80	27.70	26.40
Arizona.....	23.00	23.90	7.40	7.00	28.10	27.20
Utah.....	21.60	22.40	7.30	7.10	27.10	25.40
Nevada.....	20.90	22.60	7.50	7.50	26.30	27.00
Washington.....	21.90	23.50	6.20	6.10	27.40	26.70
Oregon.....	22.20	23.80	6.70	5.80	26.20	25.10
California.....	22.50	23.50	7.50	7.80	27.40	27.20
Western.....	22.20	23.00	7.16	7.38	27.60	26.70
Alaska.....	33.80	45.80	25.00	25.00	35.00	35.00
Hawaii.....	35.80	38.90				
United States.....	22.20	22.70	8.24	7.64	27.20	26.40

<sup>1</sup> Includes cull dairy cows sold for slaughter, but not dairy cows for herd replacement.<sup>2</sup> Weighted average of prices for cows, and for steers and heifers with allowance, where necessary, for sale of bulls.<sup>3</sup> December of preceding year through November.

Statistical Reporting Service.

Table 503.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, value of production, pulled wool production, exports, imports, total new supply of apparel wool, and imports of carpet wool, United States, 1955-70 <sup>1</sup>

Year	Sheep and lambs shorn <sup>2</sup>	Weight per fleece	Shorn wool production	Price per pound <sup>3</sup>	Value of production <sup>4</sup>	Pulled wool production	
						Average weight per skin	Total
	Thousands	Pounds	1,000 pounds	Cents	1,000 dollars	Pounds	1,000 pounds
1955.....	28,149	8.57	241,284	42.8	103,040	3.53	41,600
1956.....	28,469	8.51	242,177	44.3	107,233	3.44	40,500
1957.....	28,415	8.41	239,101	53.7	127,764	3.31	33,600
1958.....	29,403	8.29	243,713	36.4	88,632	3.32	30,400
1959.....	30,793	8.45	259,939	43.3	112,328	3.33	34,500
1960.....	31,081	8.54	265,277	42.0	111,142	3.26	33,600
1961.....	30,454	8.51	259,161	42.9	111,445	3.25	34,500
1962.....	29,193	8.45	246,636	47.7	117,579	3.30	29,900
1963.....	27,264	8.53	232,446	48.4	112,426	3.32	28,800
1964.....	25,455	8.34	212,333	53.2	112,877	3.41	25,100
1965.....	23,756	8.48	201,463	47.1	94,999	3.37	23,300
1966.....	22,923	8.51	195,053	52.1	101,204	3.43	24,100
1967.....	22,022	8.58	188,919	39.8	75,163	3.44	22,400
1968.....	20,761	8.55	177,591	40.5	71,867	3.43	20,500
1969.....	19,554	8.47	165,655	41.8	69,485	3.46	17,100
1970 <sup>5</sup> .....	19,063	8.46	161,301	35.5	57,037	3.40	15,000

  

Year	Total wool production	Apparel wool (clean content)				Carpet wool imports for consumption (clean content) <sup>7</sup>
		Domestic production <sup>6</sup>	Exports, domestic wool	Imports for consumption <sup>7</sup>	Total new supply <sup>8</sup>	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1955.....	282,884	137,365	83	112,764	250,046	135,979
1956.....	282,677	136,933	214	103,828	240,547	143,053
1957.....	272,701	130,404	2,225	78,207	206,386	120,996
1958.....	274,113	130,034	5,039	67,081	192,076	122,587
1959.....	294,439	140,248	9	100,517	240,756	191,642
1960.....	298,877	144,575	60	74,266	218,781	153,904
1961.....	293,661	142,497	316	90,318	232,409	157,335
1962.....	276,536	133,411	124	125,780	239,067	143,460
1963.....	261,246	126,201	175	109,196	235,222	167,962
1964.....	237,433	119,581	116	98,415	217,880	113,932
1965.....	224,763	113,084	<sup>9</sup> 617	162,637	275,104	108,943
1966.....	219,153	110,609	86	162,537	273,060	114,625
1967.....	211,319	106,444	102	109,071	215,413	78,205
1968.....	198,091	99,656	843	129,787	228,900	119,626
1969.....	182,755	91,483	196	93,523	184,810	95,064
1970 <sup>5</sup> .....	176,301	87,876	200	79,809	167,485	73,325

<sup>1</sup> Includes Alaska and Hawaii for exports and imports of apparel and carpet wool since they were granted statehood. Beginning 1961, includes Alaska for sheep shorn, weight per fleece, production, price, and value of production.

<sup>2</sup> Includes sheep shorn at commercial feeding yards.

<sup>3</sup> Average price relates to April-March marketing season for 1955-62, April-December for 1963, and calendar year from 1964 to date. Price computed by weighting State average prices for all wool sold during the year by sales of shorn wool.

<sup>4</sup> Production by States multiplied by annual average price.

<sup>5</sup> Preliminary.

<sup>6</sup> Conversion factors from grease basis to clean basis are as follows: Shorn wool production—44 percent, 1955-59; 45 percent, 1960-63; and 47.7 percent, 1964 to date; pulled wool production—75 percent, 1955-63; and 72.9 percent, 1964 to date.

<sup>7</sup> Apparel wool includes all dutiable wool; carpet wool includes all duty-free wool.

<sup>8</sup> Production minus exports plus imports; stocks not taken into consideration.

<sup>9</sup> Beginning 1965, includes carpet wool exports.

Statistical Reporting Service and Economic Research Service. Imports and exports from Foreign Commerce and Navigation of the United States and other reports of the U.S. Department of Commerce. Data for 1940-54 in *Agricultural Statistics, 1967*, table 509.

**Table 504.—Wool: Number of sheep shorn, weight per fleece, production, average price per pound received by farmers, and value of production, by States, 1968-70**

State and division	Sheep and lambs shorn <sup>1</sup>			Weight per fleece <sup>2</sup>			Shorn wool production			Price per pound <sup>4</sup>			Value of production <sup>1</sup>		
	1968		1970 <sup>2</sup>	1968		1969	1970 <sup>2</sup>	1968		1969	1970 <sup>2</sup>	1968		1969	1970 <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Cents	Cents	Cents	Cents	1,000 dollars
Maine	1	5	1	7.1	7.1	7.1	7.1	126	115	110	46	45	46	58	1,000
New Hampshire	18	18	5.1	7.1	7.0	7.1	7.1	37	38	36	42	43	42	15	15
Vermont	9.3	9.5	5.1	8.1	7.8	7.8	7.8	53	65	60	40	42	42	16	17
Massachusetts	9.3	9.7	8.3	7.0	6.9	7.2	6.9	66	60	60	41	42	41	27	28
Rhode Island	1.7	1.9	1.6	7.3	6.9	7.1	7.1	12	13	11	41	42	41	5	5
Connecticut	1.1	5.4	5.1	7.2	7.0	7.6	7.0	37	38	39	40	41	41	15	16
New York	91	90	85	8.0	7.7	7.7	7.7	728	693	664	39	40	41	291	293
New Jersey	8.0	7.8	9	7.8	7.4	7.3	7.3	132	124	110	40	41	40	28	28
Pennsylvania	188	186	182	7.4	7.4	7.3	7.3	1,169	1,154	1,110	40	42	43	463	477
North Atlantic	302	298	285	7.58	7.46	7.44	7.44	2,289	2,223	2,120	40.5	42.0	42.8	926	934
Ohio	697	678	642	8.6	8.3	8.3	8.3	5,996	5,646	5,318	35	37	35	2,099	2,080
Indiana	262	247	233	8.0	7.8	7.7	7.7	2,095	1,921	1,794	31	33	34	649	634
Illinois	384	359	314	7.4	7.5	7.3	7.3	2,826	2,639	2,584	32	34	37	746	748
Michigan	253	240	219	8.5	8.1	8.0	8.0	1,145	1,121	1,010	34	35	35	589	588
Wisconsin	141	139	126	8.5	8.1	8.0	8.0	1,145	1,121	1,010	34	35	35	589	588
East North Central	1,737	1,693	1,594	8.19	8.06	8.00	8.00	14,225	13,397	12,272	33.7	35.6	34.8	4,798	4,776
Minnesota	503	456	448	8.1	8.2	8.1	8.1	4,053	3,757	3,643	33	35	34	1,337	1,315
Iowa	832	778	707	8.1	8.1	7.6	7.6	6,703	6,273	6,407	33	35	34	2,212	2,190
Missouri	294	264	245	8.0	8.2	7.7	7.7	2,884	2,735	2,878	33	34	35	1,181	1,160
North Dakota	1,358	1,011	915	9.6	9.3	9.3	9.3	10,925	9,755	9,509	41	42	36	4,479	4,097
South Dakota	1,744	1,625	1,495	9.6	9.3	9.3	9.3	10,925	9,755	9,509	41	42	36	4,479	4,097
Nebraska	1,368	1,374	1,372	7.7	7.7	7.7	7.7	2,880	2,736	2,736	33	33	31	937	948
Kansas	373	352	320	8.5	8.4	8.1	8.1	3,182	2,944	2,696	31	35	31	986	1,030
West North Central	3,841	3,569	3,414	8.68	8.61	8.40	8.40	33,337	30,722	28,674	35.7	37.4	34.5	11,909	11,503
Delaware	1.9	1.8	1.7	6.8	7.2	7.2	7.2	13	13	12	37	41	41	5	5
Maryland	17	17	17	6.8	7.2	7.2	7.2	11	11	11	37	41	41	5	5
Virginia	187	187	178	6.3	6.4	6.2	6.2	1,223	1,131	1,104	43	40	43	503	527
West Virginia	185	162	150	5.9	6.0	5.9	5.9	973	1,972	1,885	40	42	40	389	408
North Carolina	18	17	16	6.7	6.8	6.8	6.8	121	116	109	40	44	44	46	48
South Carolina	1.8	1.4	1.3	6.7	6.8	7.0	7.0	11	10	9	40	40	42	5	4
Georgia	5.4	5.1	4.7	6.7	6.8	7.1	7.1	36	35	33	36	41	34	13	14
Florida	5.5	5.3	4.7	6.1	5.7	5.1	5.1	34	30	24	36	38	34	12	11
South Atlantic	409	397	374	6.19	6.28	6.14	6.14	2,534	2,494	2,297	40.1	42.6	48.0	1,015	1,063

	115	95	84	7.3	7.2	7.1	684	596	35	37	38	294	253	226
Kentucky.....	48	41	36	5.8	5.9	6.7	278	242	37	40	43	103	97	88
Alabama.....	6.2	5.7	5.4	6.4	6.3	6.0	40	36	32	35	35	14	14	11
Mississippi.....	16	15	13	4.8	4.8	5.1	77	66	32	36	34	17	15	12
Arkansas.....	7.7	6.7	6.0	6.8	6.7	7.0	124	124	31	35	36	38	42	45
Louisiana.....	25	24	23	8.4	8.0	8.4	124	124	31	35	36	38	42	45
Oklahoma.....	113	108	110	8.4	8.0	8.4	949	884	895	34	30	294	301	269
Texas.....	4,419	4,029	4,048	7.5	7.4	7.6	33,363	29,717	30,784	46	49	15,347	14,561	11,952
South Central.....	4,750	4,325	4,325	7.52	7.35	7.57	35,721	31,800	32,744	45.2	48.1	16,132	15,309	11,765
Montana.....	1,075	1,017	972	10.1	9.7	9.7	10,848	9,891	9,468	45	38	4,892	4,451	3,998
Idaho.....	712	682	630	10.7	10.7	10.9	17,679	17,621	16,832	45	37	3,072	3,058	2,538
Wyoming.....	1,736	1,671	1,574	8.8	8.6	8.8	10,455	10,077	9,832	43	35	7,407	7,320	5,265
Colorado.....	1,892	1,774	1,786	9.1	8.9	8.9	7,374	7,096	6,999	43	33	4,077	4,031	3,205
New Mexico.....	461	460	471	7.4	7.3	7.4	3,433	3,570	3,463	44	34	3,171	3,122	2,380
Utah.....	1,013	1,004	985	9.9	9.6	10.1	10,006	9,694	9,222	35	36	1,202	1,285	1,108
Nevada.....	209	188	191	10.0	9.9	10.3	2,090	1,961	1,967	42	32	4,203	4,130	3,175
Arizona.....	132	145	160	9.1	8.8	8.6	1,383	1,277	1,371	44	39	899	819	520
Washington.....	603	569	568	8.0	8.0	7.8	4,534	4,432	4,403	39	40	1,837	1,817	1,772
Oregon.....	1,750	1,606	1,553	7.7	7.8	7.5	13,429	12,528	11,685	41	42	5,506	5,262	4,199
California.....	9,099	9,279	9,110	9.20	9.13	9.11	89,221	84,750	82,655	41.5	42.2	36,965	35,806	29,047
Western.....	20,728	19,531	19,042	8.55	8.47	8.46	177,327	165,386	161,062	40.5	35.4	71,775	69,391	56,965
48 States.....	23	23	21	11.5	11.7	11.4	264	260	239	35	30	92	94	72
Alaska.....	23	23	21	11.4	11.7	11.4	264	260	239	35	30	92	94	72
United States.....	20,761	19,554	19,063	8.55	8.47	8.46	177,591	165,655	161,301	40.5	41.9	71,967	69,485	57,037

<sup>1</sup> Includes fed sheep shorn.

<sup>2</sup> Preliminary.

<sup>3</sup> For Texas and California, the weight per fleece is the amount of wool shorn per sheep and lamb during the year.

<sup>4</sup> Monthly price weighted by monthly sales of wool. U.S. average prices weighted by sales were as follows: 1968, 40.5; 1969, 41.8; and 1970, 35.5.

<sup>5</sup> Production multiplied by annual average price.

Statistical Reporting Service.



Table 505.—Wool: Mill consumption, by grades, on the woolen and worsted systems, scoured basis, United States, 1961-70<sup>1</sup>

Item	1961	1962	1963	1964 <sup>2</sup>	1965	1966	1967	1968	1969 <sup>3</sup>	1970 <sup>4</sup>
Apparel wool: <sup>4</sup>										
Woolen system: <sup>5</sup>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
60's and finer .....	51.7	51.3	45.0	38.6	41.3	34.5	30.4	29.9	29.6	19.0
50's up to 60's .....	49.2	49.1	48.6	44.6	52.6	54.3	50.6	47.0	44.0	28.9
48's and coarser .....	11.8	9.5	8.2	9.0	7.7	7.4	6.3	6.7	6.3	5.2
Total .....	112.6	109.9	101.8	92.2	101.6	96.2	87.3	83.6	79.8	53.1
Worsted system:										
60's and finer .....	92.9	102.8	80.3	74.6	102.7	103.2	82.9	80.7	82.5	51.6
50's up to 60's .....	51.3	61.1	60.8	57.3	<sup>6</sup> 70.4	67.2	58.4	65.0	56.7	59.0
48's and coarser .....	6.3	6.4	8.5	9.8						
Total .....	150.8	170.3	149.6	141.7	173.1	170.4	141.4	154.7	139.2	110.6
Total apparel:										
60's and finer .....	144.6	154.1	125.3	113.3	144.0	137.7	113.3	119.6	112.0	71.4
50's up to 60's .....	100.5	110.2	109.4	101.8	<sup>6</sup> 130.7	128.8	115.3	118.7	107.0	92.4
48's and coarser .....	18.0	16.0	16.7	18.8						
Total .....	263.1	280.2	251.3	233.9	274.7	266.6	228.7	238.3	219.0	163.8
Carpet wool <sup>7</sup> .....	149.1	148.9	160.4	122.7	112.3	103.6	83.9	91.4	93.8	76.6

<sup>1</sup> Scoured wool, plus greasy wool converted to a scoured basis, using assumed average yields. Includes both pulled and shorn, foreign and domestic wool. Wool was considered as consumed (1) on the woolen system when laid in mixes (2) on the worsted system when entering scouring bowls. Consumption on the worsted system is taken as the sum of top and noil production.

<sup>2</sup> 53 weeks.

<sup>3</sup> Preliminary.

<sup>4</sup> Domestic and duty-paid foreign.

<sup>5</sup> Excludes wool consumed on the cotton system and in the manufacture of felt, hat bodies, and other miscellaneous products.

<sup>6</sup> Beginning 1965, 50's up to 60's and 48's and coarser combined.

<sup>7</sup> Duty-free foreign.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 506.—Wool: Price-support operations, United States, 1961-71

Marketing year <sup>1</sup>	Shorn wool price per pound		Payment rate		Marketings covered by payments <sup>4</sup>		Amount of payments <sup>5</sup>		
	Support	Season average received by producers	Average for shorn wool per pound <sup>2</sup>	Unshorn lambs per cwt. <sup>3</sup>	Shorn wool	Unshorn lambs	Shorn wool	Unshorn lambs	Total
	Cents	Cents	Cents	Cents	Million pounds	Million pounds	Million dollars	Million dollars	Million dollars
1961.....	62	42.9	19.1	76	260	1,438	47.8	8.1	56.9
1962.....	62	47.7	14.3	57	237	1,350	32.8	6.4	39.2
1963.....	62	48.5	13.5	54	170	1,034	22.1	5.1	27.2
1964.....	62	53.2	8.8	35	198	1,240	16.7	3.6	20.3
1965.....	62	47.1	14.9	60	195	1,207	28.1	6.1	34.2
1966.....	65	52.1	12.9	52	169	1,186	21.2	5.1	26.2
1967.....	66	39.8	26.2	105	189	1,150	47.8	9.9	57.7
1968.....	67	40.5	26.5	106	175	1,099	44.8	9.6	54.4
1969.....	69	41.8	27.2	109	158	1,020	41.4	9.2	50.6
1970 <sup>6</sup> .....	72	35.5	36.5	146	146	974	51.0	12.0	63.0
1971.....	72								

<sup>1</sup> Years beginning Apr. 1 for 1961 and 1962, 9-month period beginning Apr. 1 for 1963, and calendar years for 1964 to date.

<sup>2</sup> Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketings of shorn wool.

<sup>3</sup> For unshorn lambs sold.

<sup>4</sup> Unadjusted for weight of unshorn lambs purchased.

<sup>5</sup> Payments for wool produced during the year shown but made after the close of the marketing year.

<sup>6</sup> Preliminary, except support price.

Agricultural Stabilization and Conservation Service. Data for 1955-60 in *Agricultural Statistics, 1969*, table 750.

Table 507.—Wool: Average price per pound, clean basis, Boston and British Dominion, 1961-70

Year	Boston			British Dominion		
	Territory <sup>1</sup>		Fleece $\frac{3}{4}$ blood good French combing and staple <sup>2</sup>	Australian 64's, 70's good topmaking (in bond, American yield)	Bradford grade (combing)	
	Fine good French combing and staple <sup>3</sup>	$\frac{3}{4}$ blood good French combing and staple <sup>3</sup>			64's	56's
	Cents	Cents	Cents	Cents	Cents	Cents
1961.....	118	107	103	111	105	88
1962.....	125	112	109	116	109	88
1963.....	133	120	118	129	124	103
1964.....	140	130	129	139	122	107
1965.....	125	121	119	116	107	90
1966.....	135	125	117	126	118	99
1967.....	122	96	91	115	108	85
1968.....	121	96	84	118	105	78
1969.....	122	96	86	117	98	74
1970.....	103	89	87		86	66

<sup>1</sup> Wools grown in the range areas of Washington, Oregon, the intermountain States (including Arizona and New Mexico) and parts of the Dakotas, Nebraska, Kansas, and Oklahoma. These wools vary considerably in shrinkage and color.

<sup>2</sup> Open market prices.

<sup>3</sup> Wools grown east of the Mississippi River and in the farm areas of the Dakotas, Nebraska, Kansas, Oklahoma, Minnesota, Iowa, and Missouri.

Economic Research Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 513.

**Table 508.—Wool: Production in specified countries, greasy basis, average 1961–65, annual 1969 and 1970<sup>1</sup>**

Continent and country	Average 1961–65	1969	1970 <sup>2</sup>	Continent and country	Average 1961–65	1969	1970 <sup>2</sup>
	Million pounds	Million pounds	Million pounds		Million pounds	Million pounds	Million pounds
<b>North America:</b>				<b>U.S.S.R. (Europe and Asia)</b>	794.2	800.0	835.0
Canada.....	6.7	3.5	3.4				
Mexico.....	12.7	9.9	9.0	<b>Africa:</b>			
United States <sup>4</sup> .....	278.6	194.9	187.4	Morocco.....	31.1	37.5	40.0
Other countries.....	3.3	2.8	2.8	South Africa, Republic of <sup>5</sup> .....	348.1	352.0	320.0
<b>Total.....</b>	<b>301.3</b>	<b>211.1</b>	<b>202.6</b>	Other countries.....	48.4	49.5	49.5
				<b>Total.....</b>	<b>427.6</b>	<b>439.0</b>	<b>409.5</b>
<b>South America:</b>				<b>Asia:</b>			
Argentina.....	437.6	439.2	440.0	Iran.....	39.7	43.7	43.2
Brazil.....	61.7	75.3	79.9	Iraq.....	23.0	29.0	30.0
Chile.....	52.3	56.7	57.0	Syria.....	20.7	28.0	28.0
Falkland Islands.....	4.7	4.5	4.5	Turkey (Europe and Asia).....	93.9	105.8	104.7
Peru.....	23.4	21.0	21.0	India.....	76.2	77.2	79.4
Uruguay.....	188.7	165.3	161.0	Pakistan.....	33.2	45.0	45.0
Other countries.....	16.5	16.7	16.7	Other countries.....	208.8	242.0	241.9
<b>Total.....</b>	<b>784.9</b>	<b>778.7</b>	<b>780.1</b>	<b>Total.....</b>	<b>495.5</b>	<b>570.7</b>	<b>572.2</b>
<b>Europe:</b>				<b>Oceania:</b>			
France.....	61.3	44.4	44.9	Australia.....	1,720.5	2,043.4	2,066.8
Germany, West.....	9.3	7.7	8.0	New Zealand.....	628.4	735.0	740.0
Greece.....	18.7	16.0	16.0	<b>Total.....</b>	<b>2,348.9</b>	<b>2,778.4</b>	<b>2,826.8</b>
Ireland.....	25.9	21.9	21.5	<b>World total.....</b>	<b>5,756.2</b>	<b>6,228.1</b>	<b>6,213.9</b>
Italy.....	30.7	29.0	28.9				
Norway.....	8.6	11.0	11.0				
Portugal.....	28.2	29.3	28.7				
Spain.....	80.6	73.7	81.6				
United Kingdom.....	128.9	114.0	112.0				
Other countries.....	13.8	14.9	14.6				
<b>Total Western Europe.....</b>	<b>406.0</b>	<b>361.9</b>	<b>367.2</b>				
<b>Bulgaria.....</b>	<b>53.3</b>	<b>61.2</b>	<b>60.0</b>				
<b>Germany, East.....</b>	<b>16.8</b>	<b>16.3</b>	<b>15.4</b>				
<b>Hungary.....</b>	<b>21.2</b>	<b>23.4</b>	<b>23.4</b>				
<b>Poland.....</b>	<b>17.2</b>	<b>19.0</b>	<b>16.0</b>				
<b>Romania.....</b>	<b>51.5</b>	<b>67.0</b>	<b>64.7</b>				
<b>Yugoslavia.....</b>	<b>28.4</b>	<b>28.7</b>	<b>28.0</b>				
<b>Other countries.....</b>	<b>9.4</b>	<b>12.7</b>	<b>13.0</b>				
<b>Total Eastern Europe.....</b>	<b>197.8</b>	<b>228.3</b>	<b>220.5</b>				
<b>Total Europe.....</b>	<b>603.8</b>	<b>590.2</b>	<b>587.7</b>				

<sup>1</sup> Includes shorn, pulled wool, and wool exported on skins, with the latter two converted to a greasy basis. Wool produced in the spring in the Northern Hemisphere is combined with that produced in the season beginning July 1 or Oct. 1 of the same year in the Southern Hemisphere.

<sup>2</sup> Preliminary.

<sup>3</sup> Does not include pulled wool.

<sup>4</sup> Includes pulled wool converted to greasy basis using 1.7 conversion factor.

<sup>5</sup> Includes Republic of South Africa, Lesotho, and South West Africa.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 509.—Wool (actual weight): International trade, average 1961-65, annual 1968 and 1969

Country	Average 1961-65		1968		1969 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>North America:</b>						
Canada.....	3,294	18,535	2,329	18,629	1,835	15,204
Mexico.....		21,473		32,921		31,745
United States.....	* 270	343,962	* 543	330,438	* 196	249,619
<b>Total</b> .....	<b>3,564</b>	<b>383,970</b>	<b>2,872</b>	<b>381,988</b>	<b>2,031</b>	<b>296,468</b>
<b>South America:</b>						
Argentina.....	282,799		290,200		222,560	
Brazil.....	15,112	2,353	38,398	2,767	44,540	2,900
Chile.....	15,260	1,763	18,067	3,300	23,803	2,205
Colombia.....		9,877				
Falkland Islands.....	4,879					
Peru.....	6,066	11	8,700	110	6,134	105
Uruguay.....	107,110		114,187		84,348	
<b>Total</b> .....	<b>431,226</b>	<b>14,004</b>	<b>474,552</b>	<b>13,177</b>	<b>386,385</b>	<b>12,205</b>
<b>Europe:</b>						
Austria.....	351	14,948	100	10,669	364	11,248
Belgium and Luxembourg.....	45,556	226,866	34,632	204,964	36,819	213,262
Denmark.....	1,705	6,301	1,088	6,630	989	7,849
Finland.....	10	2,283	10	3,854	10	3,200
France.....	76,495	354,986	83,643	310,152	85,374	355,572
Germany, West.....	9,956	225,195	10,130	225,830	11,885	241,307
Greece.....	143	4,436	220	9,480	260	10,030
Iceland.....	944	160				
Ireland.....	22,778	12,091	21,048	17,650	18,670	17,776
Italy.....	7,311	282,858	5,596	281,282	4,962	299,355
Netherlands.....	10,632	31,615	10,350	29,360	10,518	30,672
Norway.....	2,701	3,292	5,341	5,984	4,071	4,084
Portugal.....	1,520	12,022	80	17,709	110	
Spain.....	4,344	20,567	8,131	30,849	6,023	46,672
Sweden.....	1,606	10,904	1,133	7,770	783	7,130
Switzerland.....	862	14,678	1,160	12,397	1,240	9,953
United Kingdom.....	56,928	604,124	43,877	544,999	39,000	518,000
<b>Total Western Europe</b> .....	<b>243,842</b>	<b>1,828,416</b>	<b>227,245</b>	<b>1,718,079</b>	<b>221,878</b>	<b>1,798,280</b>
Bulgaria.....		3,440		6,920		
Czechoslovakia.....		46,720		46,800		
Germany, East.....		50,500		48,030		48,630
Hungary.....	1,885	7,085	5,000	13,600	6,000	9,500
Poland.....		37,042		37,732		
Romania.....	2,180	2,540	5,300	4,400		
Yugoslavia.....	899	27,004	1,889	28,979	2,256	37,159
<b>Total Eastern Europe</b> .....	<b>4,664</b>	<b>174,331</b>	<b>12,189</b>	<b>185,981</b>	<b>13,556</b>	<b>190,689</b>
<b>Total Europe</b> .....	<b>248,506</b>	<b>2,002,747</b>	<b>239,434</b>	<b>1,904,060</b>	<b>235,434</b>	<b>1,988,949</b>
<b>U.S.S.R. (Europe and Asia)</b> .....	<b>56,920</b>	<b>107,020</b>	<b>57,320</b>	<b>156,086</b>	<b>52,469</b>	<b>167,109</b>
<b>Africa:</b>						
Algeria.....	337	660	990	2,339		
Kenya.....	2,973	41	3,964		4,015	
Libya.....	1,496					
Morocco.....	3,849	458	1,164	1,048	1,175	556
South Africa, Republic of.....	260,911	8,630	204,087	6,983	228,583	8,842
Tunisia.....	420	270		595		
United Arab Republic.....	16	2,764	194	9,687	100	15,900
<b>Total</b> .....	<b>270,002</b>	<b>12,823</b>	<b>262,309</b>	<b>20,652</b>	<b>268,273</b>	<b>26,898</b>

See footnotes at end of table.

Table 509.—Wool (actual weight): International trade, average 1961-65, annual 1968 and 1969—Continued

Country	Average 1961-65		1968		1969 <sup>1</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
<b>Asia:</b>						
Afghanistan.....	10,369		11,377			
China:						
Mainland.....	34,452	32,118	26,500	22,900		
Taiwan.....		3,056	100	6,900	100	26,900
Cyprus.....	1,084		1,545		784	
Iran.....	7,419	4,031	3,100	19,201		
Iraq.....	9,720	364	7,300	400	8,300	1,000
India.....	24,630	14,328	19,883	25,831	17,480	36,107
Israel.....	120	2,162	18	7,233	2	8,200
Japan.....	880	520,477	531	647,123	617	696,165
Jordan.....	298	916	40	88		
Korea, Republic of.....		5,374		5,931		8,563
Lebanon.....	7,796	5,046	12,079	10,481		
Pakistan.....	25,874	1,320	23,700	1,700	20,614	1,845
Syria.....	12,566	295	13,287	418	12,826	1,355
Turkey (Europe and Asia).....	10,072	21,340	4,821	17,322	2,740	18,691
<b>Total Asia<sup>2</sup>.....</b>	<b>144,980</b>	<b>610,797</b>	<b>124,281</b>	<b>765,528</b>	<b>116,803</b>	<b>845,616</b>
<b>Oceania:</b>						
Australia.....	1,166,540	7,780	1,516,300	9,000	1,622,920	15,200
New Zealand.....	553,520	1,800	647,400	1,300	713,900	4,000
<b>Total Oceania<sup>2</sup>.....</b>	<b>1,720,060</b>	<b>9,580</b>	<b>2,163,700</b>	<b>10,300</b>	<b>2,336,820</b>	<b>19,200</b>
<b>Grand total<sup>2,3</sup>.....</b>	<b>2,875,258</b>	<b>3,140,941</b>	<b>3,324,558</b>	<b>3,251,791</b>	<b>3,398,215</b>	<b>3,851,445</b>

<sup>1</sup> Preliminary.<sup>2</sup> Washed, scoured, or clean basis.<sup>3</sup> Includes allowances for missing data for countries shown.<sup>4</sup> Includes exports from South West Africa and Lesotho.<sup>5</sup> Excludes wool on the skins, and re-exports where possible; imports in most cases refer to gross imports.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 510.—Wool: United States imports (for consumption), clean content, by country of origin, 1961-70<sup>1</sup>

Country of origin	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970 <sup>2</sup>
	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.	Mil. lb.
<b>Dutiable:</b>										
Argentina.....	6.0	10.1	12.8	12.0	17.6	21.4	8.4	8.3	3.7	4.1
Australia.....	30.0	51.6	44.4	43.6	71.5	65.8	54.8	58.7	50.5	32.2
New Zealand.....	10.6	16.0	16.1	15.5	20.6	25.0	18.8	23.1	17.6	16.7
South Africa, Rep. of.....	25.7	29.7	19.6	18.0	21.7	21.6	15.0	16.9	10.4	9.1
Uruguay.....	13.7	12.7	11.8	2.7	22.4	18.8	5.6	13.5	7.3	11.2
Other.....	4.3	5.7	4.5	6.6	9.0	10.0	6.5	9.3	4.0	6.5
<b>Total.....</b>	<b>90.3</b>	<b>125.8</b>	<b>109.2</b>	<b>98.4</b>	<b>162.6</b>	<b>162.5</b>	<b>109.1</b>	<b>129.8</b>	<b>93.5</b>	<b>79.8</b>
<b>Duty-free:</b>										
Argentina.....	47.6	47.4	41.7	23.2	20.4	33.5	25.9	34.2	20.5	16.0
India.....	4.1	1.3	1.4	4.3	.9	1.3	.3			.1
Iraq.....	7.0	5.4	6.6	5.1	3.2	1.8	.4	.5	.1	.6
New Zealand.....	52.1	49.8	66.4	46.2	55.1	52.1	31.0	55.1	52.8	42.0
Pakistan.....	14.9	12.0	10.7	6.4	6.2	3.6	3.3	4.3	3.3	.9
Syria.....	5.2	3.3	5.6	4.7	2.5	4.1	1.9	1.8	1.3	.9
Other.....	26.4	24.3	35.6	24.0	19.6	18.2	15.4	23.7	17.7	12.8
<b>Total.....</b>	<b>157.3</b>	<b>143.5</b>	<b>168.0</b>	<b>113.9</b>	<b>108.9</b>	<b>114.6</b>	<b>78.2</b>	<b>119.6</b>	<b>95.7</b>	<b>73.3</b>
<b>Grand total.....</b>	<b>247.7</b>	<b>269.2</b>	<b>277.2</b>	<b>212.3</b>	<b>271.6</b>	<b>277.2</b>	<b>187.3</b>	<b>249.4</b>	<b>189.2</b>	<b>153.1</b>

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.<sup>2</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 511.—Wool: United States imports (for consumption), clean content, by grades, 1961-70<sup>1</sup>

Grade	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970 <sup>2</sup>
Dutiable:	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>	<i>Mil. lb.</i>
56's and finer	72.0	95.3	79.2	67.8	119.2	117.7	77.0	91.5	69.7	49.4
46's to 56's	7.2	12.2	13.9	11.4	24.5	21.2	19.8	22.8	12.5	18.2
40's to 46's	3.7	6.1	5.0	5.7	6.4	9.6	3.8	4.5	3.3	4.2
Not finer than 40's	5.4	9.7	9.9	11.3	11.4	12.2	7.0	9.7	7.2	7.4
Named and similar wools	1.8	2.3	1.1	2.2	1.1	1.8	1.4	1.2	.8	.6
Carbonized	.2	.2	.1	.1	.5	.6	.3	.3	.4	.5
Total	90.3	125.8	109.2	98.4	162.6	162.5	109.1	129.8	93.5	79.8
Duty-free:										
Named and similar wools	46.3	34.5	41.3	31.5	22.9	20.8	11.7	15.4	11.2	8.9
Other wools—										
Not finer than 40's	86.6	60.0	63.8	47.3	47.1	40.2	29.9	51.3	53.3	44.1
40's to 44's	16.5	23.6	26.8	19.4	25.2	38.4	27.3	37.5	23.4	18.1
44's to 46's	8.0	25.3	36.0	15.6	13.7	15.2	9.2	15.4	7.7	2.2
Total	157.3	143.5	168.0	113.9	108.9	114.6	78.2	119.6	95.7	73.3

<sup>1</sup> Wool not advanced in any manner or by any process of manufacture beyond washed, scoured, or carbonized condition.

<sup>2</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 512.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, United States, 1955-70<sup>1</sup>

Year	Goats clipped <sup>2</sup>	Average clip per goat	Mohair production	Price per pound	Value of production <sup>3</sup>	Year	Goats clipped <sup>2</sup>	Average clip per goat	Mohair production	Price per pound	Value of production <sup>3</sup>
	<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>		<i>Thousands</i>	<i>Pounds</i>	<i>1,000 pounds</i>	<i>Cents</i>	<i>1,000 dollars</i>
1955	2,984	5.7	16,926	82.2	13,913	1953	4,363	6.6	29,007	88.1	25,562
1956	3,151	5.8	18,201	84.4	15,359	1954	4,568	6.5	29,736	94.3	28,053
1957	3,231	5.9	19,053	83.7	15,953	1955	4,803	6.7	32,420	65.5	21,251
1958	3,417	6.1	20,825	72.2	15,026	1956	4,659	6.3	29,576	53.7	15,896
1959	3,755	6.4	24,151	96.5	23,301	1957	4,113	6.6	27,127	40.9	11,100
1960	3,888	6.3	24,467	89.7	21,937	1958	3,966	6.6	26,022	45.2	11,754
1961	4,021	6.6	26,411	85.6	22,615	1959	3,220	6.6	21,203	65.1	13,808
1962	4,236	6.4	27,215	71.4	19,430	1970 <sup>4</sup>	2,591	6.4	16,697	39.1	6,525

<sup>1</sup> Includes Missouri, Texas, New Mexico, Arizona, Utah, Oregon, and California.

<sup>2</sup> In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall.

<sup>3</sup> Production multiplied by price per pound.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 517.



**Table 513.—Goats and mohair: Number of goats clipped, mohair production, average price per pound received by farmers, and value of production, by States, 1968-70**

State	Goats clipped <sup>1</sup>			Average clip per goat			Mohair production		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	Thou- sands	Thou- sands	Thou- sands	Pounds	Pounds	Pounds	1,000 pounds	1,000 pounds	1,000 pounds
Missouri.....	23	20	18	4.7	4.6	4.9	108	92	88
Texas.....	3,784	3,046	2,425	6.7	6.7	6.6	25,272	20,493	16,005
New Mexico.....	61	55	55	4.1	3.9	3.7	249	214	204
Arizona.....	72	72	69	3.8	4.0	4.2	273	288	290
Utah.....	9	11	10	4.2	4.1	4.2	38	45	42
Oregon.....	10	10	9	4.0	3.8	4.2	40	38	38
California.....	7	6	5	6.0	5.5	6.0	42	33	30
Total.....	8,966	3,220	2,591	6.6	6.6	6.4	26,022	21,203	16,697

State	Price per pound			Value of production <sup>3</sup>		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	Cents	Cents	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Missouri.....	37.0	50.0	37.0	40	46	33
Texas.....	45.3	65.9	39.1	11,448	13,505	6,258
New Mexico.....	43.0	42.0	38.0	107	90	78
Arizona.....	43.0	41.0	40.0	117	118	116
Utah.....	43.0	43.0	40.0	16	19	17
Oregon.....	31.0	35.0	32.0	12	13	12
California.....	34.0	53.0	35.0	14	17	11
Total.....	45.2	65.1	39.1	11,754	13,808	6,525

<sup>1</sup> In States where goats are clipped twice a year, the number clipped is the sum of goats and kids clipped in the spring and kids clipped in the fall.

<sup>2</sup> Preliminary.

<sup>3</sup> Production multiplied by price per pound.

Statistical Reporting Service.

**Table 514.—Mohair: Price-support operations, United States, 1961-71**

Marketing year <sup>1</sup>	Price per pound		Average payment rate per pound <sup>2</sup>	Marketings covered by payments	Amount of payments <sup>4</sup>
	Support	Season average received by producers			
	Cents	Cents	Cents	Million pounds	Million dollars
1961.....	73	85.6			
1962.....	74	71.4	2.6	31.4	0.8
1963.....	76	88.1			
1964.....	72	94.3			
1965.....	72	65.5	6.5	29.7	2.0
1966.....	75.8	53.7	22.1	29.0	6.5
1967.....	76.4	40.9	35.5	32.1	11.5
1968.....	77.4	45.2	32.2	32.8	10.6
1969.....	77.4	65.1	12.3	15.7	2.0
1970 <sup>3</sup> .....	80.2	39.1	41.1	19.0	8.0
1971.....	80.2				

<sup>1</sup> Years beginning Apr. 1 for 1961 and 1962, 9-month period beginning Apr. 1 for 1963, and calendar years for 1964 to date.

<sup>2</sup> Average needed to bring the return up to the support level. The payment to an individual producer is computed by applying the announced percentage to his receipts from marketings of mohair.

<sup>3</sup> Payments for mohair produced during the year shown but made after the close of the marketing year.

<sup>4</sup> Preliminary, except support price.

Agricultural Stabilization and Conservation Service. Data for 1955-60 in *Agricultural Statistics, 1969*, table 749.

Table 515.—Meats and lard: Production, by class of slaughter, United States, 1961-70<sup>1</sup>

Year	Commercial			Farm	Total	Commercial			Farm	Total
	Federally inspected	Other	Total <sup>2</sup>			Federally inspected	Other	Total <sup>2</sup>		
Beef						Pork, excluding lard				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961.....	12,026	2,904	14,930	370	15,300	9,158	1,573	10,730	669	11,399
1962.....	11,984	2,947	14,931	367	15,298	9,672	1,557	11,229	590	11,819
1963.....	13,137	2,912	16,049	379	16,428	10,280	1,583	11,863	556	12,419
1964.....	15,103	2,934	18,037	392	18,429	10,445	1,574	12,019	484	12,503
1965.....	15,421	2,904	18,325	374	18,699	9,331	1,405	10,736	396	11,132
1966 <sup>3</sup> .....	16,220	3,272	19,493	201	19,694	9,662	1,468	11,130	198	11,328
1967.....	16,829	3,162	19,991	193	20,184	10,750	1,627	12,377	195	12,572
1968.....	17,850	2,812	20,662	180	20,842	11,330	1,536	12,867	188	13,055
1969.....	18,474	2,486	20,960	166	21,126	11,563	1,211	12,774	172	12,946
1970.....	19,152	2,320	21,472	179	21,651	12,114	1,134	13,248	179	13,427
Veal						Lamb and mutton				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961.....	586	374	960	84	1,044	716	102	818	14	832
1962.....	575	361	936	79	1,015	695	100	795	13	808
1963.....	513	334	847	82	929	668	89	757	13	770
1964.....	550	378	928	85	1,013	624	79	703	12	715
1965.....	572	364	936	84	1,020	576	63	639	12	651
1966 <sup>3</sup> .....	490	372	862	48	910	581	58	639	11	650
1967.....	423	326	749	43	792	574	62	636	10	646
1968.....	420	276	696	38	734	545	47	592	10	602
1969.....	400	241	640	33	673	510	30	540	10	550
1970.....	337	221	558	30	588	514	26	540	11	551
All meat, excluding lard						Lard				
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961.....	22,486	4,953	27,438	1,137	28,575	2,118	266	2,384	130	2,514
1962.....	22,926	4,965	27,891	1,049	28,940	2,104	261	2,365	111	2,476
1963.....	24,598	4,918	29,516	1,030	30,546	2,117	256	2,373	100	2,473
1964.....	26,722	4,965	31,687	973	32,660	2,153	235	2,388	85	2,473
1965.....	25,900	4,736	30,636	866	31,502	1,772	208	1,980	65	2,045
1966 <sup>3</sup> .....	26,933	5,170	32,124	438	32,562	1,696	202	1,897	32	1,929
1967.....	28,376	5,177	33,553	442	34,195	1,835	208	2,044	32	2,076
1968.....	30,145	4,672	34,817	417	35,234	1,862	169	2,032	30	2,062
1969.....	30,945	3,968	34,914	381	35,295	1,755	125	1,879	25	1,904
1970.....	32,117	3,701	35,818	399	36,217	1,776	112	1,888	25	1,913

<sup>1</sup> Excludes meat production in Alaska, Hawaii, and the Virgin Islands.<sup>2</sup> Totals are based on unrounded data.<sup>3</sup> Beginning 1966, custom slaughter in plants for farmers is included in commercial meat production, and excluded from farm meat production.Statistical Reporting Service. Data for 1950-60 in *Agricultural Statistics, 1967*, table 519.

Table 516.—Meats and meat food products: Quantity prepared and processed under Federal inspection, United States, 1968-70<sup>1</sup>

Product	1968	1969	1970	Product	1968	1969	1970
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
Meat placed in cure:				Frozen and unfrozen convenience foods:			
Beef.....	225,206	233,694	232,784	Canned products:			
Pork.....	3,542,646	3,680,921	3,546,799	Commercial.....	2,913,531	2,992,181	3,087,206
Other.....	9,384	11,603	13,815	Government.....	246,518	237,401	143,647
Smoked and/or dried:				Cutting and boning meats.....	17,845,838	18,280,442	17,322,515
Beef.....	76,368	68,561	59,452	Horse meat products.....	63,091	84,085	14,466
Pork.....	2,833,146	3,033,404	2,914,135	Total meat and meat food products.....	35,805,384	40,071,260	40,520,903
Cooked meat:				Edible fats and oils:			
Beef.....	91,793	87,965	79,630	Lard:			
Pork.....	189,344	147,667	139,791	Rendered.....	1,770,375	1,717,731	1,583,831
Other.....	12,348	25,834	46,052	Refined.....	1,262,420	1,256,663	993,902
Sausage:				Pork fat:			
Fresh finished.....	373,629	428,015	462,562	Rendered.....	93,962	99,024	83,658
Dried or semi-dried.....	193,902	194,087	179,310	Refined.....	49,660	47,437	26,567
Franks, wieners.....	1,069,357	1,067,843	1,061,788	Edible tallow.....	721,476	645,079	673,429
Bologna.....	487,518	591,612	607,910	Compound containing animal fat.....	1,128,268	1,116,122	911,953
Other smoked or cooked.....	483,898	583,283	604,695	Oleomargarine containing animal fat.....	242,567	223,627	88,471
Loaf headcheese, chili, jellied products.....	258,029	272,781	267,714	Total fats and oils.....	5,268,728	5,105,693	4,361,811
Fresh or frozen:				Total all products.....	41,074,112	45,176,943	44,882,714
Steaks, chops, roasts, bone-in and boneless cuts.....	1,565,065	4,057,218	5,537,016				
Sliced meats:							
Bacon.....	1,304,297	1,361,457	1,309,941				
Other.....	646,258	706,452	715,258				
Hamburger.....	208,592	278,871	292,278				
Ground beef.....	387,386	539,579	653,079				
Miscellaneous meat products.....	251,469	314,907	282,205				

<sup>1</sup> All figures in this table do not represent production, as a product may be inspected more than once in the course of further manufacture, and some products may undergo further processing in plants not under Federal inspection. Compiled from weekly data.

Consumer and Marketing Service.

Table 517.—Canned meat products: Quantity produced under Federal inspection, United States, 1968-70<sup>1</sup>

Product	1968	1969	1970	Product	1968	1969	1970
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
Luncheon meat.....	256,010	240,654	257,300	Soups.....	710,523	678,918	704,968
Canned hams.....	319,242	358,519	352,201	Tongue (other than pickled).....	1,008	1,010	569
Canned loins and picnic.....	34,259	22,080	20,797	Tripe.....	4,269	4,390	3,931
Deviled ham.....	13,340	15,746	16,818	Brains.....	2,171	1,686	1,996
Other potted or deviled meat food products.....	45,449	46,779	47,807	All other containing 20 percent or more meat and/or meat byproducts.....	244,256	210,219	163,906
Vienna sausage.....	93,840	98,325	99,534	All other containing less than 20 percent meat and/or meat byproducts.....	342,313	404,675	466,835
Franks, wieners.....	8,595	7,916	6,700	Government products.....	246,518	237,401	143,647
Sausage.....	6,938	6,753	8,323	Total.....	3,160,048	3,229,580	3,230,853
Sausage in oil.....	10,954	13,772	15,879				
Beef hash.....	89,204	80,308	98,003				
Chili con carne.....	229,185	236,619	246,586				
Chopped beef.....	6,088	4,858	6,413				
Tamales.....	38,617	39,530	38,357				
Meatstew (all products).....	176,803	194,883	194,545				
Spaghetti meat products.....	206,438	239,692	266,652				
Sliced dried beef.....	2,293	2,736	3,096				
Vinegar pickled products.....	26,445	33,785	27,265				
Hamburger, roasted or corned beef, meat and gravy.....	43,290	48,326	38,725				

<sup>1</sup> Meats canned under Federal inspection include the largest part of the canned meat produced in the United States. Net product weight, including weight of nonmeat ingredients of products, for civilian use only.

Consumer and Marketing Service.

Table 518.—Meat: Production by types in specified countries, 1969 and 1970<sup>1</sup>

Continent and country	Beef and veal		Pork <sup>2</sup>		Mutton, lamb, and goat meat		Total meat production <sup>4</sup>	
	1969	1970 <sup>3</sup>	1969	1970 <sup>3</sup>	1969	1970 <sup>3</sup>	1969	1970 <sup>3</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
North America:								
Canada.....	1,908.9	1,907.0	1,134.5	1,348.8	18.1	17.5	3,061.5	3,273.3
Costa Rica.....	89.1	90.4	10.8	12.1	—	—	99.9	102.5
Dominican Republic.....	70.5	68.3	22.0	24.3	—	—	92.5	92.6
El Salvador.....	46.3	44.1	24.3	24.3	—	—	70.6	68.4
Guatemala.....	126.1	126.2	—	—	.7	.7	145.8	147.3
Honduras.....	57.2	65.2	8.9	8.9	—	—	66.1	74.1
Mexico.....	1,250.0	1,331.6	548.9	575.4	123.5	123.5	1,953.3	2,061.4
Nicaragua.....	117.9	124.1	—	—	—	—	154.8	163.4
Panama.....	65.1	70.4	—	—	—	—	72.7	78.0
United States.....	21,830.8	22,272.0	12,952.9	13,434.0	550.0	551.0	35,333.7	36,257.0
South America:								
Argentina.....	6,355.9	5,709.9	462.3	463.0	425.5	348.3	7,391.4	6,686.5
Brazil.....	4,027.8	3,628.8	1,340.2	1,355.6	123.0	121.0	5,532.0	5,148.6
Chile.....	—	—	—	—	—	—	577.0	579.9
Colombia.....	909.0	944.4	—	—	5.0	5.2	1,043.2	1,072.9
Paraguay.....	316.3	—	—	—	—	—	316.3	295.6
Peru.....	163.1	152.1	81.6	92.2	79.4	86.0	324.1	330.3
Uruguay.....	524.5	689.2	53.5	48.1	190.9	182.5	768.9	919.8
Venezuela.....	429.9	—	81.6	—	7.6	—	519.1	529.4
Europe:								
Austria.....	350.8	335.5	601.9	611.1	2.4	2.4	958.8	950.8
Belgium and Luxembourg.....	566.6	590.8	781.3	961.4	15.7	8.4	1,386.5	1,582.6
Denmark.....	427.3	422.6	1,508.8	1,578.1	5.5	4.2	1,944.5	2,008.2
Finland.....	246.0	—	195.8	231.5	2.0	—	453.7	463.4
France.....	3,421.5	3,450.2	2,601.4	2,720.5	256.5	298.8	6,455.9	6,598.4
Germany, West.....	2,795.4	2,998.3	4,775.2	4,927.3	24.3	26.5	7,605.9	7,963.1
Greece.....	170.0	171.3	93.7	114.4	155.9	160.5	419.6	446.2
Ireland.....	436.4	474.9	313.2	311.4	96.3	78.4	851.5	870.3
Italy.....	1,767.2	1,721.8	1,065.0	1,000.9	100.5	102.5	3,005.5	2,898.2
Netherlands.....	629.9	714.3	1,299.6	1,487.7	17.9	23.8	1,959.3	2,237.3
Norway.....	128.1	124.8	142.2	144.0	39.2	37.9	314.1	311.3
Portugal.....	174.6	189.6	220.0	—	63.7	—	461.6	460.1
Spain.....	560.0	606.3	963.4	1,047.2	284.0	304.7	1,836.1	1,984.7
Sweden.....	363.8	361.6	313.7	496.2	7.5	8.4	894.3	876.1
Switzerland.....	279.1	295.6	434.3	429.2	7.9	7.5	727.0	737.8
United Kingdom.....	1,919.7	2,090.1	2,033.9	2,085.4	457.0	499.5	4,410.6	4,675.0
Bulgaria.....	—	—	—	—	—	—	701.9	692.8
Czechoslovakia.....	617.0	—	807.8	—	—	—	1,443.3	1,385.0
Germany, East.....	634.7	—	1,350.9	—	—	—	1,985.6	1,993.2
Hungary.....	—	—	—	—	—	—	932.3	956.6
Poland.....	1,248.0	—	1,993.8	—	57.8	—	3,322.0	3,165.4
Yugoslavia.....	641.3	642.7	782.0	881.8	136.0	132.3	1,562.4	1,659.9
U.S.S.R. (Europe and Asia) <sup>10</sup> .....	11,083.8	11,305.2	6,323.3	6,215.8	2,094.4	2,094.4	19,501.5	19,615.4
Africa and Asia:								
South Africa:								
Republic of.....	971.0	978.3	171.0	185.1	366.5	464.4	1,508.5	1,627.8
China (Taiwan).....	19.9	—	767.9	—	2.6	—	790.4	884.4
Iran.....	101.6	107.8	2.5	2.5	482.4	497.7	586.5	608.0
Israel.....	40.7	42.5	—	—	8.4	9.5	49.1	52.0
Japan.....	476.1	562.2	1,121.0	1,424.2	2.6	2.4	1,625.1	2,010.8
Philippines.....	170.7	167.4	843.3	813.5	11.6	11.4	1,028.7	995.2
Turkey.....	414.3	419.6	.6	.7	724.4	754.7	1,139.3	1,175.0
Oceania:								
Australia.....	2,060.8	2,229.9	357.5	384.6	1,499.5	1,669.9	3,917.8	4,284.4
New Zealand.....	829.9	866.9	81.5	85.1	1,240.5	1,249.9	2,151.9	2,201.9
Total 51 countries <sup>11</sup> .....	72,673.0	73,315.0	50,137.0	51,990.3	9,979.4	10,290.1	133,453.4	136,252.6

<sup>1</sup> Carcase weight basis; excludes offals, rabbit, and poultry meat. <sup>2</sup> Preliminary. <sup>3</sup> Includes edible pork fat, but excludes lard and inedible greases. <sup>4</sup> Includes horse meat. <sup>5</sup> Excludes slaughter for farm use. <sup>6</sup> Excludes farm production except for pork. <sup>7</sup> Variety meats included. <sup>8</sup> Year ending June 30. <sup>9</sup> Year ending Sept. 30. <sup>10</sup> Includes allowances for missing data for countries shown. <sup>11</sup> May not add due to rounding.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 519.—Meat: United States exports by type of product, 1961-70

Year	Beef and veal			Goat, lamb and mut- ton, fresh or frozen	Pork							Saus- age, bolo- gna, and frank- furters	Vari- ety meats, fresh or frozen <sup>1</sup>	Other meats <sup>2</sup>	Total <sup>3</sup>
	Fresh or frozen	Can- ned	Pick- led of cured		Fresh or frozen	Hams and shoul- ders, cured or cooked	Bacon	Other pork, pick- led, salted, or other- wise cured	Ham and shoul- ders, canned	Other pork, canned					
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1961...	10,627	1,653	17,626	1,616	38,141	7,346	5,585	15,251	575	1,422	3,342	123,874	2,403	229,461	
1962...	9,856	2,196	15,061	2,188	35,408	5,811	5,300	15,632	426	1,102	2,376	125,101	2,400	222,867	
1963...	8,760	2,134	16,425	1,013	105,718	7,069	6,023	17,065	769	1,482	2,579	158,993	2,170	330,220	
1964...	35,347	2,573	19,325	1,252	96,158	9,758	5,928	17,886	1,357	1,901	4,843	231,437	2,802	430,567	
1965...	32,750	(*)	10,942	1,176	26,836	5,960	5,187	6,867	(*)	2,804	3,915	223,129	11,843	331,508	
1966...	17,981	(*)	10,852	1,606	29,610	6,079	5,299	6,871	(*)	3,036	3,560	231,328	11,688	309,902	
1967...	17,805	(*)	13,467	1,833	30,697	4,665	4,771	7,402	(*)	3,015	3,512	222,317	12,808	322,292	
1968...	15,728	(*)	11,302	1,902	62,482	3,973	4,445	11,682	(*)	2,524	4,344	225,249	12,694	356,309	
1969...	16,773	(*)	8,927	1,432	121,612	8,648	3,568	9,155	(*)	2,154	4,741	239,894	13,031	429,999	
1970 <sup>4</sup> ...	18,851	(*)	10,420	1,074	41,637	6,359	3,061	7,746	(*)	2,377	4,135	239,538	11,979	347,187	

<sup>1</sup> Edible animal organs. <sup>2</sup> Includes sausage ingredients, cured (excluding canned); meat and meat products, canned (n.e.s.); and baby food, canned. Beginning 1965, includes canned beef and veal and canned and frozen meat specialties. <sup>3</sup> May not add due to rounding. <sup>4</sup> Included in other meats. <sup>5</sup> Included in other pork, canned. <sup>6</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1950-60 in *Agricultural Statistics, 1967*, table 523.

Table 520.—Meat: United States imports, product weight basis, by country of origin, 1970

Country of origin	Beef and veal			Lamb, mutton, and goat, except canned	Pork				Other meats, n.s.p.f.	Variety meats, fresh or frozen	Total <sup>3</sup>
	Fresh or frozen <sup>1</sup>	Canned, including sausage	Other prepared or preserved <sup>2</sup>		Fresh and frozen, including pork sausage	Hams, shoulders, and bacon <sup>3</sup>	Other pickled or salted <sup>4</sup>	Sausage, except fresh <sup>5</sup>			
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Argentina.....		83,439	57,631						27		141,106
Australia.....	527,191	1,660	7,220	60,117	243	49	34	12	1,001	573	598,100
Brazil.....		19,516	9,238								28,754
Canada.....	77,343		3,169	562	55,564	5,181	1,084	1,440	255	7,182	151,782
Costa Rica.....	37,735									21	37,756
Czechoslovakia.....											
Denmark.....		51	337								2,546
France.....						111,065	7,772	11,181	13,863	6	144,805
Germany, West.....		8	27			193	32	3	1,243	1	1,472
Guatemala.....	23,246		3,295								2,322
Honduras.....	15,872		10,747							1	26,542
Hungary.....						3,548					3,548
Ireland.....	68,963				3	104	2				60,072
Italy.....		276	18		2	136	7				437
Mexico.....	78,519		58				(*)	(*)			79,169
New Zealand.....	241,560		87	22,198	19				87	756	264,707
Netherlands.....			7		16	81,214	5,318	148	1,332		88,055
Nicaragua.....	41,901	35	8,064							420	50,430
Paraguay.....		12,591									12,591
Poland.....		28	3			45,678	10,360		100		56,229
United Kingdom.....	4,553	4				304	41		3		4,905
Uruguay.....		1,301				10,822	679		2		11,701
Yugoslavia.....		498			1	1,076	159	258	291	15	16,041
Other.....	14,055	32	62	92							
Total.....	1,130,938	119,491	99,963	82,969	55,848	262,666	25,790	13,838	18,413	9,846	1,519,755

<sup>1</sup> Includes boneless beef. <sup>2</sup> Includes pickled and cured. <sup>3</sup> Includes canned. <sup>4</sup> Includes mixed sausage. <sup>5</sup> May not add due to rounding. <sup>6</sup> Less than 50,000 pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 521.—Meat: United States imports of meat subject to Public Law 88-482 (Meat Import Act), by country of origin, average 1961-65, annual 1966-70<sup>1</sup>

Country of origin	Average 1961-65	1966	1967	1968	1969	1970 <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Canada.....	33,267	55,612	25,591	45,281	43,329	77,810
Mexico.....	86,128	57,116	47,809	65,587	66,479	78,519
Guatemala.....	10,000	12,843	18,616	21,561	23,829	23,246
Honduras.....	8,694	12,788	12,731	14,015	20,813	15,872
Nicaragua.....	19,257	24,175	28,294	36,908	39,672	41,901
Costa Rica.....	11,964	12,329	24,838	33,891	35,712	37,735
Panama.....	179	2,246	3,043	4,276	3,393	5,149
Haiti.....	2,436	2,062	2,178	1,389	1,332	1,278
Dominican Republic.....	897		719	9,496	11,353	7,720
Iceland.....	385					
Ireland.....	46,419	38,391	80,610	56,672	65,973	68,963
Norway.....	74					
Sweden.....		66				
United Kingdom.....	2,441	304	1,514	3,070	5,225	4,553
Japan.....	7	75	1			
Australia.....	419,083	460,347	477,873	505,387	542,993	565,741
New Zealand.....	176,977	145,078	171,048	203,497	224,036	241,927
Total.....	788,198	823,432	894,865	1,001,030	1,084,139	1,170,414

<sup>1</sup> Fresh, frozen and chilled beef, veal, mutton, and goat (Tariff Schedule of United States, items 106.10 and 106.20). Includes meat rejected under Consumer and Marketing Service meat and poultry inspection program. Excludes canned meat and other prepared or preserved meat products.

<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 524

<sup>1</sup> Carcass weight equivalent; excludes fat, offals, and live animals.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes an allowance for any missing data for countries shown.

<sup>4</sup> Less than 50,000 pounds.

<sup>5</sup> Year ending June 30.

<sup>6</sup> Year ending Sept. 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.



Table 522.—Meat: United States imports by type of product, 1961-70

Year	Beef and veal			Lamb, mutton, and goat (fresh or frozen)	Pork			Other meats <sup>1</sup>	Variety meats, fresh or frozen	Total
	Fresh or frozen <sup>1</sup>	Canned beef and sausage	Other prepared and preserved <sup>2</sup>		Fresh and frozen, including pork sausage	Hams, shoulders, and bacon <sup>3</sup>	Other pickled or salted <sup>4</sup>			
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1961.....	509,004	95,234	24,811	55,843	36,559	120,383	15,167	1,709	1,956	920,666
1962.....	860,040	83,706	23,652	78,128	40,458	136,993	24,580	1,757	3,060	1,232,374
1963.....	985,342	113,455	22,845	81,791	37,104	147,937	23,656	3,857	4,976	1,420,963
1964.....	706,458	83,573	10,362	44,743	39,460	150,908	18,494	6,210	6,847	1,068,914
1965.....	585,482	92,754	22,717	42,463	48,210	189,296	23,031	6,790	11,906	2,243
1966.....	764,840	93,583	34,850	75,428	42,325	220,489	33,201	8,325	18,125	3,332
1967.....	841,754	97,973	39,293	66,551	47,513	225,312	31,748	8,555	14,465	3,509
1968.....	940,385	117,976	69,679	84,902	48,781	241,561	31,646	9,679	11,967	3,802
1969.....	1,029,919	117,613	69,071	98,086	43,256	244,280	24,411	12,376	14,019	5,641
1970 <sup>6</sup> .....	1,130,938	119,491	99,963	82,969	55,848	262,666	25,790	13,838	18,413	9,846

<sup>1</sup> Includes boneless beef.<sup>2</sup> Includes pickled and cured.<sup>3</sup> Includes canned.<sup>4</sup> Includes mixed sausage.<sup>5</sup> Mostly mixed luncheon meats; not reported separately prior to 1964.<sup>6</sup> Preliminary.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1950-60 in *Agricultural Statistics, 1967*, table 525.

Table 523.—Meats, frozen and cured: Cold-storage holdings, United States, first of month, 1969 and 1970

Month	Frozen and cured beef		Frozen and cured pork		Frozen lamb and mutton	
	1969	1970	1969	1970	1969	1970
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	296,497	352,895	256,323	210,935	21,576	26,024
February.....	281,189	368,336	249,274	210,437	17,028	27,745
March.....	270,965	374,324	264,291	237,391	16,916	29,462
April.....	274,580	379,567	270,217	268,504	19,453	33,197
May.....	266,591	369,097	323,957	329,025	25,134	33,175
June.....	247,007	353,097	298,723	350,526	23,003	29,606
July.....	230,893	319,276	245,708	304,263	20,396	29,712
August.....	238,858	310,301	196,235	254,654	19,310	32,466
September.....	266,850	289,123	168,284	217,503	21,344	32,558
October.....	304,049	286,872	173,932	209,993	22,707	29,908
November.....	334,544	300,702	201,541	246,240	24,160	29,830
December.....	333,248	317,866	220,575	303,501	27,023	28,147

Statistical Reporting Service.

Table 524.—Meat: International trade, selected countries, average 1961-65, annual 1968 and 1969<sup>1</sup>

Continent and country	Average 1961-65		1968		1969 <sup>2</sup>	
	Exports	Imports	Exports	Imports	Exports	Imports
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
North America:						
Canada.....	118.6	145.0	147.5	226.4	142.1	405.5
Dominican Republic.....	.9		12.0		13.8	
Honduras.....	12.8	.2	20.3	.3	33.3	
Mexico.....	90.0	.3	114.8	1.0	128.6	.6
United States.....	141.6	1,626.7	134.3	2,136.9	192.8	2,254.8
Costa Rica.....	18.9		47.5	.5	52.2	
Guatemala.....	13.8		28.1		36.8	
Nicaragua.....	29.6		52.1		61.2	
Total.....	426.2	1,772.2	556.6	2,365.1	660.8	<sup>3</sup> 2,661.3
South America:						
Argentina.....	1,439.5		1,644.1		2,000.5	
Brazil.....	94.3		195.5	.1	296.0	(4)
Chile.....	2.8	18.8	1.5	35.5		
Paraguay.....	50.1		63.1		49.9	
Peru.....		15.1				
Uruguay.....	225.2		264.9		268.1	
Venezuela.....		16.0				7.0
Total.....	1,811.9	49.9	2,169.1	<sup>5</sup> 86.4	<sup>6</sup> 2,616.0	<sup>7</sup> 84.2
Europe:						
Austria.....	3.8	16.7	7.2	10.6	7.7	21.4
Belgium and Luxembourg.....	58.2	123.5	222.8	179.7	235.4	178.1
Denmark.....	1,286.6	1.5	1,440.9	6.2	1,335.2	6.6
Finland.....	4.7	7.7	16.1	3.0	39.8	.6
France.....	298.4	261.5	401.2	467.4	297.6	705.4
Germany, West.....	39.1	318.3	105.3	592.2	164.1	654.8
Greece.....		91.8		184.6		203.8
Ireland.....	325.8	.4	464.3	.6	492.3	1.0
Italy.....	6.0	482.3	15.2	726.4	10.8	786.4
Netherlands.....	469.1	68.1	771.4	170.6	744.5	189.2
Norway.....	8.3	9.9	3.3	22.7	8.9	10.0
Portugal.....	.7	25.1	.5	52.9		21.9
Spain.....	2.0	131.2	5.9	262.5	2.4	266.0
Sweden.....	81.7	50.4	123.6	62.9	149.8	66.8
Switzerland.....	7.2	91.0	13.4	84.5	16.5	104.3
United Kingdom.....	40.4	3,202.8	24.6	3,116.4	60.1	3,213.7
Bulgaria.....	21.7	15.9	82.4	31.5		
Czechoslovakia.....	14.7	183.0	41.0	47.8		
Hungary.....	91.2	86.7	123.7	55.2		
Poland.....	357.6	74.7	378.8	175.4	381.4	79.7
Yugoslavia.....	335.7	2.4	288.2	12.3	286.2	3.8
Total.....	3,452.9	5,244.9	4,529.8	6,265.4	<sup>8</sup> 4,479.8	<sup>9</sup> 6,648.0
U.S.S.R. (Europe and Asia).....	251.8	270.7	347.9	35.8	260.9	87.2
Africa:						
Ghana.....		18.0		12.7		16.8
Kenya.....	24.9	.7	23.8	.2	20.3	.2
South Africa, Republic of.....	62.2	2.4	55.6	46.3		42.1
Total.....	87.1	21.1	79.4	59.2	<sup>10</sup> 65.9	59.1
Asia:						
Hong Kong.....	.2	31.4	(4)	75.5	(4)	66.7
Israel.....		34.6		82.8		80.1
Japan.....	.3	141.5	1.2	369.8	1.4	419.8
Malaysia.....	(4)	8.6	(4)	7.7		
Philippines.....		33.6		48.6		43.4
Singapore.....	5.0	19.3	6.4	25.8	6.6	26.1
Total.....	5.5	269.0	7.6	610.2	8.0	636.1
Oceania:						
Australia <sup>1</sup> .....	1,198.2	2.7	1,362.9	2.2	1,301.8	1.9
New Zealand <sup>1</sup> .....	1,167.3		1,380.1		1,574.0	
Total.....	2,365.5	2.7	2,743.0	2.2	2,875.8	1.9
Total selected countries.....	8,400.9	7,630.5	10,433.4	<sup>11</sup> 9,424.3	<sup>12</sup> 10,976.2	<sup>13</sup> 10,177.8

See footnotes on page 359.

Table 525.—Meats and lard: Production and civilian consumption, United States, 1954-70<sup>1</sup>

Year	Beef			Veal			Lamb and mutton		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1954.....	12,963	12,743	80.1	1,647	1,591	10.0	734	730	4.6
1955.....	13,569	13,313	82.0	1,578	1,531	9.4	758	753	4.6
1956.....	14,462	14,121	85.4	1,632	1,572	9.5	741	735	4.5
1957.....	14,202	14,242	84.6	1,526	1,481	8.8	707	709	4.2
1958.....	13,330	13,786	80.5	1,186	1,150	6.7	688	719	4.2
1959.....	13,580	14,202	81.4	1,008	990	5.7	738	830	4.8
1960.....	14,753	15,147	85.1	1,109	1,093	6.1	708	832	4.8
1961.....	15,327	15,902	87.8	1,044	1,021	5.6	832	923	5.1
1962.....	15,324	16,326	88.9	1,015	1,003	5.5	808	949	5.2
1963.....	16,456	17,612	94.5	929	913	4.9	770	908	4.9
1964.....	18,456	18,899	99.9	1,013	990	5.2	715	794	4.2
1965.....	18,727	19,060	99.5	1,020	992	5.2	651	716	3.7
1966.....	19,726	20,140	104.2	910	881	4.6	650	771	4.0
1967.....	20,219	20,793	106.5	792	749	3.8	646	759	3.9
1968.....	20,880	21,627	109.7	734	707	3.6	602	738	3.7
1969.....	21,158	22,065	110.8	673	654	3.3	550	687	3.4
1970 <sup>2</sup> .....	21,684	22,925	113.7	588	581	2.9	551	657	3.3

  

Year	Pork (excluding lard)			All meats			Lard		
	Production	Consumption		Production	Consumption		Production	Consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1954.....	9,870	9,549	60.0	25,214	24,613	154.7	2,330	1,627	10.2
1955.....	10,990	10,833	66.8	26,895	26,430	162.8	2,660	1,639	10.1
1956.....	11,200	11,125	67.3	28,035	27,553	166.7	2,757	1,623	9.8
1957.....	10,424	10,297	61.1	26,859	26,729	158.7	2,547	1,589	9.4
1958.....	10,454	10,325	60.2	25,658	25,960	151.6	2,426	1,640	9.6
1959.....	11,993	11,797	67.6	27,319	27,819	159.5	2,780	1,536	8.8
1960.....	11,607	11,566	64.9	28,237	28,658	160.9	2,562	1,358	7.6
1961.....	11,408	11,225	62.0	28,611	29,071	160.5	2,514	1,393	7.7
1962.....	11,827	11,671	63.5	28,974	29,949	163.1	2,476	1,314	7.1
1963.....	12,427	12,200	65.4	30,582	31,633	169.7	2,473	1,190	6.4
1964.....	12,513	12,361	65.4	32,697	33,044	174.7	2,473	1,193	6.3
1965.....	11,141	11,235	58.7	31,539	32,003	167.1	2,045	1,225	6.4
1966.....	11,339	11,243	58.1	32,625	33,035	170.9	1,929	1,071	5.5
1967.....	12,581	12,506	64.1	34,238	34,807	178.3	2,076	1,055	5.4
1968.....	13,063	13,034	66.2	35,279	36,106	183.2	2,062	1,106	5.6
1969.....	12,953	12,938	65.0	35,334	36,344	182.5	1,904	1,011	5.1
1970 <sup>2</sup> .....	13,434	13,389	66.4	36,257	37,532	186.3	1,886	935	4.6

<sup>1</sup> Carcase weight equivalent: Dressed weight of cattle, calves, sheep, and lambs; pork, excluding lard, is carcass equivalent weight of hog products minus an allowance for carcass fat rendered for lard. Edible offals are excluded.

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1969-53 in *Agricultural Statistics, 1967*, table 528.

Table 526.—Meat: United States exports and shipments to Territories, and imports into the United States, carcass weight equivalent, 1961-70<sup>1</sup>

Year	Exports and shipments to Territories				Imports				
	Beef and veal	Lamb and mutton	Pork, excluding lard	All meat	Beef	Veal	Lamb and mutton	Pork, excluding lard	All meat
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961.....	58	2	139	199	1,021	16	101	187	1,325
1962.....	53	3	132	188	1,414	26	143	216	1,799
1963.....	54	1	208	263	1,651	26	145	225	2,047
1964.....	96	2	217	315	1,068	17	79	268	1,432
1965.....	97	4	130	231	923	19	72	333	1,347
1966.....	88	5	140	233	1,182	22	136	381	1,721
1967.....	94	6	146	246	1,313	15	121	392	1,841
1968.....	94	7	187	288	1,500	18	147	416	2,081
1969.....	87	6	236	329	1,615	25	153	409	2,202
1970 <sup>2</sup> .....	104	7	177	288	1,792	24	122	449	2,387

<sup>1</sup> Carcass weight equivalent of all meat, including the meat content of minor meats and of mixed products. Includes shipments to Puerto Rico, the Virgin Islands, and Guam, 1961-64; included Wake Island also, 1965-69. In 1970, includes shipments to Puerto Rico and Virgin Islands.

<sup>2</sup> Preliminary.

Economic Research Service. Data on imports and commercial exports and shipments are computed from records of the U.S. Department of Commerce; those on exports and shipments by the U.S. Department of Agriculture are separately estimated from deliveries and stocks. Data for 1945-60 in *Agricultural Statistics, 1967*, table 529.

Table 527.—Hides, packer: Average price per pound, Chicago, 1961-70

Year	Steers				Cows			Bulls	
	Heavy native	Heavy Texas	Butt branded	Colorados	Heavy native	Light native	Branded	Native	Branded
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
1961.....	14.91	12.73	13.00	11.95	16.02	19.54	14.78	11.09	10.17
1962.....	15.19	13.56	13.64	12.69	15.80	18.50	14.85	11.07	10.07
1963.....	11.23	9.76	9.74	8.86	11.80	12.83	10.54	8.00	7.00
1964.....	10.32	8.18	9.47	7.59	11.20	13.23	8.95	7.44	6.44
1965.....	13.93	12.07	12.39	11.58	14.00	15.60	12.57	9.17	8.17
1966.....	17.42	16.18	16.33	15.72	18.12	20.20	16.65	12.28	11.28
1967.....	11.73	-----	10.31	9.60	12.43	16.34	10.80	-----	-----
1968.....	11.84	-----	9.51	8.51	11.75	15.73	9.64	-----	-----
1969.....	14.38	-----	12.48	11.59	14.85	18.35	12.95	-----	-----
1970.....	12.88	-----	10.96	9.96	13.47	16.99	11.39	-----	-----

Economic Research Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 530.

Table 528.—Hides and skins: United States imports and exports, 1961-70

Year	Imports				Exports			
	Calf and kip	Cattle <sup>1</sup>	Goat and kid	Sheep and lamb <sup>2</sup>	Calf	Kip	Cattle <sup>3</sup>	Sheep and lamb <sup>2</sup>
	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces	1,000 pieces
1961.....	1,425	294	14,740	27,903	1,992	556	7,646	2,416
1962.....	1,447	413	14,371	27,501	1,712	343	7,119	2,179
1963.....	1,912	360	14,774	26,310	1,604	253	7,971	2,881
1964.....	2,010	315	12,882	29,617	2,111	280	11,502	3,065
1965.....	1,065	302	14,412	29,821	1,985	474	13,309	2,876
1966.....	680	221	10,331	27,893	2,066	519	14,307	2,429
1967.....	838	233	7,109	20,300	1,950	495	11,852	3,758
1968.....	794	494	5,204	30,822	1,818	390	12,879	3,344
1969.....	692	276	5,066	20,715	1,240	414	14,781	3,928
1970 <sup>4</sup> .....	543	387	3,027	18,707	1,075	241	15,225	3,822

<sup>1</sup> Beginning August 1963, excludes pieces of cattle hides reported in units of pounds.<sup>2</sup> Includes cabretta and hair sheepskins.<sup>3</sup> Beginning January 1967, excludes pieces of cattle hides reported in units of pounds.<sup>4</sup> Preliminary.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1945-60 in *Agricultural Statistics, 1967*, table 531.

Table 529.—Hides and skins: United States imports for consumption by country of origin, average 1961-65, annual 1969 and 1970

Country of origin	Average 1961-65	1969	1970 <sup>1</sup>	Country of origin	Average 1961-65	1969	1970 <sup>1</sup>
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
Cattle hides: <sup>2</sup>				Goat and kid—			
Canada.....	242	259	324	Continued			
Argentina.....	1	( <sup>3</sup> )	( <sup>3</sup> )	Brazil.....	2,065	1,718	984
Brazil.....	8	( <sup>3</sup> )	( <sup>3</sup> )	Peru.....	356	121	88
Germany, West.....	6	7	3	Venezuela.....	2	—	—
Italy.....	4	—	—	British East Africa.....	182	—	—
Netherlands.....	1	1	—	Somali Republic.....	129	—	—
Switzerland.....	6	—	—	Ethiopia.....	933	120	175
Australia.....	28	—	—	Nigeria.....	2,696	1,237	563
New Zealand.....	2	( <sup>3</sup> )	6	South Africa, Re-			
Other countries.....	19	9	54	public of.....	34	13	2
Total.....	337	276	387	Indonesia.....	566	378	180
Calf and kip:				India.....	2,934	731	706
Canada.....	366	359	224	Iran.....	993	299	111
Denmark.....	10	32	15	Pakistan.....	1,854	1	—
France.....	396	50	156	Other countries.....	1,285	447	213
Germany, West.....	150	5	7	Total.....	14,236	5,066	3,027
Italy.....	102	—	—	Sheep and lambs: <sup>4</sup>			
Netherlands.....	142	( <sup>3</sup> )	1	Argentina.....	447	208	134
Poland.....	131	77	56	Brazil.....	1,225	485	491
Switzerland.....	99	27	18	United Kingdom.....	351	164	224
India.....	11	17	( <sup>3</sup> )	South Africa, Re-			
New Zealand.....	93	15	11	public of.....	258	35	113
Other countries.....	71	110	55	Iran.....	3,479	2,654	2,716
Total.....	1,571	692	543	Australia.....	355	195	216
Goat and kid:				New Zealand.....	17,862	14,027	11,560
Haiti.....	1	—	—	Other countries.....	4,253	2,947	3,253
Argentina.....	206	1	5	Total.....	28,230	20,715	18,707

<sup>1</sup> Preliminary.<sup>2</sup> Beginning August 1963, excludes pieces of cattle hides reported in units of pounds.<sup>3</sup> Less than 500 pieces.<sup>4</sup> Includes cabretta and hair sheepskins; beginning 1964, excludes pieces of sheep and lamb skins reported in pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 530.—Hides and skins: United States exports by country of destination, average 1961-65, annual 1969 and 1970

Country of destination	Average 1961-65	1969	1970 <sup>1</sup>	Country of destination	Average 1961-65	1969	1970 <sup>1</sup>
	1,000 pieces	1,000 pieces	1,000 pieces		1,000 pieces	1,000 pieces	1,000 pieces
<b>Cattle hides:</b>				<b>Calf skins:</b>			
Canada.....	669	1,013	762	Canada.....	250	246	76
Mexico.....	745	1,721	2,045	Mexico.....	49	16	29
France.....	84	253	287	France.....	41	5	14
Germany, West.....	879	760	714	Germany, West.....	115	64	39
Netherlands.....	1,187	538	332	Italy.....	396	154	264
Spain.....	173	262	260	Netherlands.....	176	47	38
Poland.....	78	274	152	Spain.....	49	108	95
Yugoslavia.....	107	272	459	Japan.....	588	456	409
U.S.S.R.....	379	1,223	1,492	Other countries.....	217	144	111
Turkey.....	298	124	113				
Japan.....	3,435	6,006	6,206	<b>Total.....</b>	<b>1,881</b>	<b>1,240</b>	<b>1,078</b>
Other countries.....	1,476	2,325	2,403				
<b>Total.....</b>	<b>9,510</b>	<b>14,781</b>	<b>15,225</b>	<b>Kipskins:</b>			
<b>Sheep and lamb skins:</b>				Canada.....	50	134	50
Canada.....	736	791	563	Mexico.....	23	5	10
Mexico.....	103	41	44	Belgium.....	5	3	3
Venezuela.....	220	178	109	Germany, West.....	97	16	2
Germany, West.....	53	493	530	Netherlands.....	37	33	13
Italy.....	87	321	390	Hungary.....	17	6	13
United Kingdom.....	868	900	1,008	U.S.S.R.....	2		21
Hungary.....	18	54	22	Japan.....	80	118	29
U.S.S.R.....			165	Other countries.....	70	99	109
Other countries.....	598	1,150	901	<b>Total.....</b>	<b>381</b>	<b>414</b>	<b>241</b>
<b>Total.....</b>	<b>2,683</b>	<b>3,928</b>	<b>3,822</b>				

<sup>1</sup> Preliminary.<sup>2</sup> Beginning January 1967, excludes pieces of cattle hides reported in units of pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 531.—Mink pelts: Number produced by color class, major States, and United States, 1969

State	Stand- ard	Pastel	Pale brown	Sap- phire	Gun- metal	Plati- num	Pearl	Lav- ender- hope	Violet type	White	Mis- cella- neous and unclas- sified	Total pelts
	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts	1,000 pelts
Massachusetts.....	19.7	21.9	(1)	4.3	(1)	1.7	12.5	2.0	12.3	1.1	-----	76.0
New York.....	63	56	1.0	5.9	1.6	2.7	39.0	6.7	30.0	8.1	-----	214
Pennsylvania.....	31.0	32.0	.41	11.0	(1)	1.5	81	7.2	54	(1)	(1)	223
Ohio.....	66	83	2.2	15.5	5.1	(1)	46.0	3.0	33.7	4.3	(1)	261
Indiana.....	12.2	22.0	2.7	1.6	(1)	.05	6.7	1.0	7.0	2.1	(1)	55.5
Illinois.....	69	64	5.2	9.1	2.9	.30	35.0	3.3	(1)	(1)	(1)	231
Michigan.....	50	68	5.7	9.1	.60	.08	25.0	0.2	39.2	7.9	.13	215
Wisconsin.....	389	519	17.0	81	13.0	5.0	331	86	229	75	4.0	1,749
Minnesota.....	224	355	13.0	55	4.3	3.0	113	27.0	91	(1)	(1)	906
Iowa.....	37.0	37.8	1.2	3.5	1.0	.25	41.5	5.1	27.0	(1)	(1)	156
South Dakota.....	26.5	20.5	(1)	7.8	(1)	1.1	16.0	(1)	14.0	(1)	(1)	91.5
Idaho.....	39.5	56	1.3	7.0	(1)	1.7	9.7	1.7	9.7	4.9	-----	143
Utah.....	151	135	2.4	25.3	1.8	(1)	67	5.8	48.0	1.8	(1)	442
Washington.....	102	76	2.6	20.0	20.0	(1)	39.0	14.0	27.0	(1)	(10.1)	313
Oregon.....	77	52	3.0	59	10.0	(1)	10.0	2.9	31.0	(1)	-----	249
All other States.....	43.0	36.2	(1)	2.0	.67	4.5	25.5	(1)	(1)	10.9	-----	130
United States.....	1,400	1,634	63.2	317	66.4	25.3	910	177	681	145	35.6	5,455

<sup>1</sup> Included in totals to avoid disclosing individual operations.

Statistical Reporting Service.



**Table 532.—Livestock: Number of animals slaughtered under Federal inspection and number of whole carcasses condemned, 1961-70**

Year	Cattle		Calves		Sheep and lambs		Goats		Hogs		Horses	
	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>	Total	Condemned <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1961.....	19,968	60.9	5,005	19.6	15,036	76.7	103	2.0	65,632	114.1	55	0.5
1962.....	20,339	59.0	4,980	18.5	14,692	69.9	226	2.3	67,770	117.7	50	0.3
1963.....	21,662	58.3	4,535	18.1	13,955	70.1	197	1.2	71,577	119.2	41	0.4
1964.....	25,133	70.6	4,820	20.7	12,947	59.1	191	1.2	71,667	122.7	36	0.3
1965.....	26,614	80.5	5,076	20.3	11,710	57.3	313	2.3	63,708	102.1	36	0.4
1966.....	27,319	74.5	4,432	21.4	11,553	65.4	481	3.4	63,729	89.7	53	0.5
1967.....	27,780	71.8	4,002	22.3	11,516	67.8	494	4.0	70,915	105.8	57	0.3
1968.....	29,592	77.6	3,876	23.9	10,888	53.9	363	2.0	74,780	110.1	66	0.5
1969.....	30,536	77.7	3,637	22.3	10,070	53.0	220	1.1	75,682	120.2	56	0.4
1970.....	30,793	79.0	3,024	18.1	10,010	56.1	421	1.0	78,187	134.7	55	0.5

<sup>1</sup> Condemnations do not include ante-mortem cases of parts of carcasses.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 534.**Table 533.—Livestock and poultry on farms: Index numbers, United States, Jan. 1, 1962-71<sup>1</sup>**  
[1967=100]

Year	Total livestock and poultry <sup>2</sup>	Meat animals <sup>3</sup>	Milk cattle <sup>4</sup>	Poultry <sup>4</sup>	Year	Total livestock and poultry <sup>2</sup>	Meat animals <sup>3</sup>	Milk cattle <sup>4</sup>	Poultry <sup>4</sup>
1962.....	96	96	126	87	1967.....	100	100	100	100
1963.....	99	99	122	86	1968.....	100	100	97	98
1964.....	101	101	117	87	1969.....	101	101	94	95
1965.....	101	101	112	89	1970.....	102	102	92	98
1966.....	99	99	105	91	1971 <sup>5</sup> .....	105	105	(*)	102

<sup>1</sup> For methods of combining species and weights in construction of these index numbers see *Agricultural Handbook No. 365, Volume II, Major Statistical Series of the U.S. Department of Agriculture, April 1970*. Weights based on 1967 sales values relative to milk cows two years old and older are as follows: Milk cows, 1.00; beef cattle and calves, 0.71; hogs, 0.17; sheep and lambs, 0.07; chickens, 0.001; and turkeys, 0.014. For 1970 and 1971, milk cows and heifers that have calved are used in place of milk cows two years old and older.<sup>2</sup> Hogs and pigs data relate to Dec. 1 of preceding year, beginning 1962.<sup>3</sup> Weights for milk cattle are as follows: Milk cows, 1.00; heifers, 1 to 2 years old, 0.56; and heifer calves, 0.33.<sup>4</sup> Excludes commercial broilers.<sup>5</sup> Preliminary.<sup>6</sup> Not available due to change in cattle inventory class estimates.

Statistical Reporting Service.

Table 534.—Animal units fed on farms: Grain-consuming, roughage-consuming, and grain-and-roughage-consuming, United States, 1955-70<sup>1</sup>

Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>	Year beginning October	Grain-consuming <sup>2</sup>	Roughage-consuming <sup>3</sup>	Grain and roughage-consuming <sup>4</sup>
	1,000 units	1,000 units	1,000 units		1,000 units	1,000 units	1,000 units
1955.....	103,993	91,808	96,012	1963.....	108,338	95,954	99,129
1956.....	101,573	88,510	92,924	1964.....	105,900	95,700	98,056
1957.....	99,986	87,029	91,521	1965.....	106,280	94,727	97,419
1958.....	104,568	88,745	94,143	1966.....	111,408	94,401	98,884
1959.....	103,598	90,081	94,267	1967.....	111,479	94,351	98,861
1960.....	104,698	90,483	94,839	1968.....	113,826	93,783	98,879
1961.....	105,981	91,990	96,109	1969 <sup>5</sup> .....	115,444	94,321	99,721
1962.....	108,979	94,153	98,239	1970 <sup>5</sup> .....	118,705	96,962	102,667

<sup>1</sup> Excludes Alaska and Hawaii. Includes poultry; excludes minor livestock on farms and livestock and poultry not on farms. Base period 1959-61.

<sup>2</sup> Livestock and poultry numbers weighted by all concentrates consumed.

<sup>3</sup> Livestock and poultry numbers weighted by all roughage (including pasture) consumed.

<sup>4</sup> Livestock and poultry numbers weighted by all feed (including pasture) fed to livestock.

<sup>5</sup> Preliminary.

Economic Research Service.

Table 535.—Feed consumed by livestock and poultry: Quantity expressed in feed units, 1955-69<sup>1</sup>

Year beginning October	Concentrates <sup>2</sup>	Harvested roughage	Pasture <sup>(3)</sup>	Total	Year beginning October	Concentrates <sup>2</sup>	Harvested roughage	Pasture <sup>(3)</sup>	Total
	Million tons	Million tons	Million tons	Million tons		Million tons	Million tons	Million tons	Million tons
1955.....	133	66	106	305	1963.....	161	71	128	360
1956.....	131	64	118	313	1964.....	158	72	137	367
1957.....	140	66	122	328	1965.....	174	75	147	396
1958.....	151	68	116	335	1966.....	173	76	147	396
1959.....	156	68	122	346	1967.....	174	76	152	402
1960.....	161	67	122	350	1968.....	185	77	148	410
1961.....	164	69	120	353	1969.....	194	78	147	419
1962.....	163	69	122	354					

<sup>1</sup> Measured in feed units (corn equivalents).

<sup>2</sup> Includes skim milk, corn for forage, and seeds fed; excludes corn in silage.

<sup>3</sup> Beginning 1965, feed for pasture was recalculated on the basis of new determinations of animal feed requirements by the National Research Council, National Academy of Sciences.

Economic Research Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 538.

Table 536.—Feed consumed by livestock and poultry: Feed, including pasture (expressed in feed units)<sup>1</sup>, consumed per head or per unit of production, by different classes, 1955-69

Year beginning October	Dairy cattle			Beef cattle				Sheep and lambs	
	Milk cows		Other dairy cattle, per head	Cattle on feed, per head, Jan. 1 <sup>2</sup>	Other beef cattle, per head	All beef cattle, per head	Cattle and calves, per 100 pounds produced <sup>3</sup>	Per head	Per 100 pounds produced <sup>4</sup>
	Per head	Per 100 pounds milk produced							
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1955.....	5,901	109	3,800	5,390	3,134	3,354	904	648	1,278
1956.....	6,164	110	4,071	5,376	3,525	3,718	994	740	1,471
1957.....	6,543	114	4,244	5,904	3,678	3,903	1,036	776	1,489
1958.....	6,440	106	4,342	6,095	3,548	3,820	1,023	734	1,409
1959.....	6,848	109	4,542	6,138	3,521	3,823	1,051	755	1,519
1960.....	7,468	115	4,081	5,726	3,388	3,682	988	750	1,494
1961.....	7,465	112	4,202	6,110	3,338	3,673	996	734	1,486
1962.....	7,673	112	4,090	6,141	3,269	3,637	984	741	1,515
1963.....	7,802	109	4,276	6,464	3,331	3,714	992	761	1,530
1964.....	8,142	111	4,415	6,674	3,486	3,867	1,058	798	1,608
1965.....	9,268	123	4,433	6,814	3,531	3,944	1,066	947	1,857
1966.....	9,427	120	4,534	6,980	3,528	3,986	1,087	947	1,934
1967.....	9,848	123	4,514	7,303	3,600	4,091	1,075	974	1,903
1968.....	9,996	121	4,522	7,214	3,594	4,112	1,077	972	1,950
1969 <sup>5</sup> .....	10,609	114	5,880	8,338	3,534	4,202	1,121	960	1,896

Year beginning October	Poultry								Hogs per 100 pounds produced	Horses and mules 2 years and over, per head
	Hens and pullets		Chickens raised		Broilers produced		Turkeys raised			
	Per head Jan. 1	Per 100 eggs	Per head	Per 100 pounds live weight	Per head	Per 100 pounds produced	Per head	Per 100 pounds produced		
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	
1955.....	94	56	26	574	10.4	326	87	522	4,523	
1956.....	95	57	27	567	10.3	318	95	573	4,729	
1957.....	97	57	27	573	10.9	332	95	556	4,891	
1958.....	96	56	28	592	10.4	315	88	520	4,729	
1959.....	95	54	28	580	9.9	296	91	519	4,813	
1960.....	94	53	28	581	9.8	287	104	599	4,875	
1961.....	96	54	28	594	10.1	296	105	597	4,814	
1962.....	93	53	28	595	10.3	297	111	620	4,793	
1963.....	93	52	28	578	10.4	299	105	580	4,740	
1964.....	89	51	29	594	9.8	282	102	566	4,868	
1965.....	96	55	30	626	10.6	302	103	565	5,037	
1966.....	94	55	30	613	10.8	305	100	539	5,040	
1967.....	95	55	30	622	10.5	294	100	533	5,115	
1968.....	96	55	31	636	9.8	273	105	550	4,904	
1969 <sup>5</sup> .....	96	57	30	618	8.9	250	101	538	4,880	

<sup>1</sup> Measured in feed units (corn equivalents).<sup>2</sup> Feed consumed by all cattle on feed divided by the number on feed Jan. 1.<sup>3</sup> Feed for all cattle, except milk cows, divided by the net live-weight production of cattle and calves. It includes the growth on dairy heifers and calves as well as all beef cattle.<sup>4</sup> About 19 pounds of wool were produced with each 100 pounds live-weight production.<sup>5</sup> Preliminary.Economic Research Service. Data for 1940-54 in *Agricultural Statistics, 1967*, table 539.

Table 537.—High-protein feeds; Quantity available for feeding, high-protein feed-consuming animal units, and quantity per animal unit, United States, 1960-69

Year beginning October	Quantity available for feeding <sup>1</sup>						Animal units fed annually ( <sup>2</sup> )	Quantity per animal unit
	Oilseed meal			Animal protein	Grain protein	Total		
	Soybean meal	Other oilseed meals <sup>3</sup>	Total					
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 tons	Million units	Pounds
1960.....	8,837	2,422	11,259	3,281	947	15,487	121.8	254
1961.....	9,232	2,455	11,687	3,421	1,052	16,160	122.3	264
1962.....	9,556	2,420	11,976	3,543	1,069	16,388	125.0	265
1963.....	9,138	2,518	11,656	3,753	1,136	16,545	125.8	263
1964.....	9,236	2,568	11,804	3,557	1,181	16,542	125.8	263
1965.....	<sup>4</sup> 10,274	<sup>4</sup> 2,415	12,689	3,577	1,238	17,504	128.3	273
1966.....	10,820	1,741	12,561	3,950	1,250	17,761	133.0	267
1967.....	10,753	1,487	12,240	4,290	1,283	17,813	131.8	270
1968.....	11,525	1,995	13,520	3,868	1,298	18,686	134.9	277
1969 <sup>5</sup> .....	13,581	1,730	15,311	3,487	1,320	20,118	138.2	291

<sup>1</sup> In terms of 44 percent protein soybean meal equivalent.<sup>2</sup> Includes cottonseed, linseed, peanut, and copra meal.<sup>3</sup> The following factors were used to calculate the high-protein animal units: Milk cows, 1.00; other dairy cattle, 1.28; cattle on feed, 0.58; other beef cattle, 2.39; sheep, 1.76; hogs, 0.73; hens and pullets, 1.42; chickens raised for replacements, 1.67; broilers, 3.15; and turkeys, 2.42.<sup>4</sup> Beginning 1965, includes 30,000 tons previously excluded for industrial uses and for fertilizer.<sup>5</sup> Preliminary.

Economic Research Service.

Table 538.—Hay: Supply and disappearance, total and per animal unit, and number of animal units fed annually, United States, 1961-70

Year beginning May	Farm carryover May 1	Production	Total supply	Disappearance	Roughage-consuming animal units fed annually <sup>1</sup>	Supply per animal unit	Disappearance per animal unit
	1,000 tons	1,000 tons	1,000 tons	1,000 tons	1,000 units	Tons	Tons
1961.....	23,237	116,957	140,194	122,173	91,990	1.52	1.33
1962.....	18,021	121,759	139,780	116,666	94,155	1.48	1.24
1963.....	23,114	117,557	140,651	120,842	95,954	1.47	1.26
1964.....	19,809	118,778	138,587	122,020	95,700	1.45	1.28
1965.....	16,567	125,536	142,103	119,406	94,727	1.50	1.26
1966.....	22,697	121,027	143,724	121,762	94,401	1.52	1.29
1967.....	21,932	126,300	148,232	123,074	94,351	1.57	1.30
1968.....	25,158	125,522	150,680	126,807	93,780	1.61	1.35
1969.....	23,873	127,675	151,548	127,246	94,476	1.60	1.35
1970 <sup>2</sup> .....	24,302	127,899	152,201	129,856	96,962	1.57	1.34

<sup>1</sup> For method of calculation see National and State Livestock-Feed Relationships, February 1970. Weights for United States numbers for current years on Jan. 1, 1970, are as follows: Milk cows, 1,001; heifers and calves, 0.7940; cattle on feed 0.1412; other beef cattle, 0.7570; stock sheep, 0.1651; horses and mules, 0.8693; hens and pullets, 0.0013; turkeys, 0.0030; goats clipped, 0.2433; and hogs fed in year, 0.0750.<sup>2</sup> Preliminary.

Economic Research Service.

Table 539.—Indexes of feed prices, United States, 1960-69  
(1967=100)

Year beginning October	Prices received by farmers for feed grains <sup>1</sup>	Prices paid by farmers for feed <sup>2</sup>	High-protein feeds <sup>3</sup>			
			Five oilseed meals	Tankage, meat meal, and fish meal	Gluten feed, distillers' and brewers' dried grains	Eleven high-protein feeds
1960.....	85	92	78	87	84	79
1961.....	89	93	83	93	82	84
1962.....	93	97	92	98	93	93
1963.....	95	97	91	96	86	91
1964.....	100	98	90	98	91	92
1965.....	101	100	103	118	101	105
1966.....	104	102	102	104	104	103
1967.....	90	96	101	99	95	99
1968.....	93	96	96	107	95	96
1969.....	97	100	103	128	103	105

<sup>1</sup> Based on prices received by farmers for corn, oats, barley, and sorghum grain.

<sup>2</sup> Based on prices paid by farmers for all feed purchased.

<sup>3</sup> Based on wholesale prices at principal markets.

Economic Research Service.

## CHAPTER VIII

# DAIRY AND POULTRY STATISTICS

Dairy statistics in this chapter include series relating to many phases of production, movement, prices, stocks, and consumption of milk and its products. Two series of number of milk cows on farms are included in this publication. One series is an inventory number of a specific classification estimated as one of the major groups making up the total cattle population on January 1. The other series identified as "milk cows on farms" is an annual average number of milk cows during the year (excluding any not yet fresh) and is used in estimating milk production.

The January 1 inventory classification was changed from a sex and age basis to milk cows and heifers that have calved and a sex and weight basis for milk cow replacements, beginning January 1, 1971. Classification on both bases is included for the United States for 1965 to 1970, and by States for January 1, 1970.

In comparing the several series of milk prices, it is important to note that prices received by farmers for all whole milk sold are for milk or milkfat content as actually sold, while certain prices paid by dealers for milk for fluid purposes or for specified manufacturing purposes may be quoted on a 3.5 percent butterfat basis, or for some types of manufacturing milk on the test of the milk used for that particular purpose.

Poultry and poultry products statistics include inventory numbers of chickens by classes; the production, disposition, cash receipts, and gross income from chickens and eggs; poultry and egg receipts at principal markets; commercial broiler production; turkey production, disposition, and gross income; liquid and dried egg production; and the National Poultry Improvement Plan.

The estimates of chickens and turkeys on farms in census years differ from the census figures to the extent of the seasonal disappearance in numbers from January 1 to the average date of the enumeration. Estimates relating to inventories, production, and income exclude poultry and eggs produced on places not classified as farms.

**Table 540.—Cows, heifers, and heifer calves kept for milk purposes: Number on farms Jan. 1, value, and number eliminated during year, United States, 1955-70<sup>1</sup>**

Year	Cows and heifers 2 years old and over kept for milk			Heifers 1 to 2 years old being kept for milk cows	Heifer calves under 1 year being kept for milk cows	Cows and heifers eliminated during year <sup>2</sup>
	Number	Value per head	Total value			
	Thousands	Dollars	1,000 dollars	Thousands	Thousands	Thousands
1955.....	23,462	134.00	3,148,392	5,786	6,094	6,536
1956.....	22,912	139.00	3,185,041	5,407	5,890	6,994
1957.....	22,325	147.00	3,291,347	5,267	5,699	6,327
1958.....	21,265	177.00	3,760,830	5,126	5,571	6,259
1959.....	20,132	221.00	4,451,485	5,050	5,526	6,655
1960.....	19,527	210.00	4,102,483	5,079	5,575	5,335
1961.....	19,271	208.00	4,004,567	5,016	5,446	5,324
1962.....	18,963	212.00	4,017,194	4,887	5,264	5,471
1963.....	18,379	206.00	3,784,498	4,708	4,935	5,440
1964.....	17,547	194.00	3,424,731	4,395	4,692	5,061
1965.....	16,981	188.00	3,195,783	4,149	4,420	5,143
1966.....	15,967	208.00	3,333,225	3,860	4,151	4,649
1967.....	15,198	247.00	3,761,068	3,636	4,089	4,190
1968.....	14,644	251.00	3,674,070	3,579	4,028	4,071
1969.....	14,152	270.00	3,809,120	3,525	3,939	3,839
1970.....	13,838	300.00	4,174,950	3,469	3,867	.....
1971 <sup>3</sup>						

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.

<sup>2</sup> Number of cows and heifers 2 years old and over Jan. 1, plus number of heifers 1 to 2 years old Jan. 1, less number of cows and heifers 2 years old and over on Jan. 1 of the following year.

<sup>3</sup> Not available. See table 543 for new classification.

Statistical Reporting Service. Data for 1867-1954 in *Agricultural Statistics, 1967*, table 543.



Table 541.—Cows and heifers 2 years old and over kept for milk: Number on farms, and value, by States, Jan. 1, 1969 and 1970

State and division	Number		Value per head		Total value	
	1969	1970	1969	1970	1969	1970
	Thousands	Thousands	Dollars	Dollars	1,000 dollars	1,000 dollars
Maine.....	77	75	290.00	325.00	22,330	24,375
New Hampshire.....	43	43	320.00	340.00	13,760	14,620
Vermont.....	232	227	325.00	345.00	75,400	78,315
Massachusetts.....	75	71	335.00	360.00	25,125	25,560
Rhode Island.....	8	8	345.00	365.00	2,760	2,920
Connecticut.....	75	73	350.00	370.00	26,250	27,010
New York.....	1,132	1,127	335.00	345.00	379,220	388,815
New Jersey.....	82	80	365.00	375.00	29,930	30,000
Pennsylvania.....	815	799	340.00	355.00	277,100	283,645
North Atlantic.....	2,539	2,503	336.00	350.00	851,875	875,200
Ohio.....	503	493	270.00	315.00	135,810	155,295
Indiana.....	274	270	255.00	295.00	69,870	79,650
Illinois.....	363	347	265.00	305.00	96,195	105,835
Michigan.....	509	509	305.00	325.00	155,245	165,425
Wisconsin.....	2,094	2,062	300.00	340.00	628,200	701,080
East North Central.....	3,743	3,681	290.00	328.00	1,085,320	1,207,285
Minnesota.....	1,140	1,089	265.00	315.00	303,690	343,035
Iowa.....	605	568	260.00	305.00	157,300	173,240
Missouri.....	412	400	210.00	255.00	86,520	102,000
North Dakota.....	168	163	250.00	290.00	42,000	47,270
South Dakota.....	214	200	260.00	295.00	55,640	59,000
Nebraska.....	222	204	255.00	295.00	56,610	60,180
Kansas.....	230	224	245.00	285.00	56,350	63,840
West North Central.....	2,997	2,848	253.00	298.00	758,110	848,565
Delaware.....	16	16	280.00	300.00	4,480	4,800
Maryland.....	184	182	290.00	330.00	53,360	60,060
Virginia.....	253	245	205.00	235.00	51,865	57,575
West Virginia.....	72	69	175.00	210.00	12,600	14,490
North Carolina.....	211	207	185.00	205.00	39,035	42,435
South Carolina.....	76	72	170.00	190.00	12,920	13,680
Georgia.....	152	152	185.00	205.00	28,120	31,160
Florida.....	194	199	240.00	260.00	46,560	51,740
South Atlantic.....	1,158	1,142	215.00	242.00	248,940	275,940
Kentucky.....	400	388	210.00	235.00	84,000	91,180
Tennessee.....	352	345	185.00	210.00	65,120	72,450
Alabama.....	156	151	165.00	190.00	25,740	28,690
Mississippi.....	233	224	160.00	195.00	37,280	43,680
Arkansas.....	109	106	180.00	200.00	19,620	21,200
Louisiana.....	198	196	175.00	200.00	34,650	39,200
Oklahoma.....	166	161	200.00	230.00	33,200	37,030
Texas.....	374	381	195.00	230.00	72,930	87,630
South Central.....	1,988	1,952	187.00	216.00	372,540	421,060
Montana.....	49	47	240.00	280.00	11,760	13,160
Idaho.....	171	169	250.00	315.00	44,460	53,235
Wyoming.....	20	19	235.00	285.00	4,700	5,415
Colorado.....	110	112	230.00	260.00	25,300	29,120
New Mexico.....	39	39	215.00	260.00	8,385	10,140
Arizona.....	55	54	290.00	320.00	15,950	17,280
Utah.....	82	82	260.00	300.00	21,320	24,600
Nevada.....	15	15	275.00	300.00	4,125	4,500
Washington.....	201	200	290.00	325.00	58,290	65,000
Oregon.....	120	118	250.00	260.00	27,600	30,580
California.....	848	840	310.00	340.00	262,880	285,600
Western.....	1,710	1,605	283.00	318.00	484,770	538,730
48 States.....	14,135	13,821	270.00	300.00	3,801,555	4,166,840
Alaska.....	1.9	1.9	350.00	400.00	665	760
Hawaii.....	15	15	460.00	490.00	6,900	7,350
United States.....	14,152	13,838	270.00	300.00	3,809,120	4,174,950

Statistical Reporting Service.

Table 542.—Heifers and heifer calves kept for milk cows: Number on farms, by States, Jan. 1, 1969 and 1970

State and division	Heifers 1 to 2 years old kept for milk cows		Heifer calves under 1 year kept for milk cows	
	1969	1970	1969	1970
	Thousands	Thousands	Thousands	Thousands
Maine.....	24	24	24	23
New Hampshire.....	12	11	12	12
Vermont.....	52	53	54	53
Massachusetts.....	15	14	18	18
Rhode Island.....	1	1	2	2
Connecticut.....	17	17	19	19
New York.....	271	280	281	282
New Jersey.....	15	15	15	15
Pennsylvania.....	219	221	252	249
North Atlantic.....	626	636	677	673
Ohio.....	124	119	129	125
Indiana.....	71	69	76	73
Illinois.....	87	84	114	114
Michigan.....	139	135	152	151
Wisconsin.....	550	546	568	566
East North Central.....	971	953	1,039	1,029
Minnesota.....	320	302	326	313
Iowa.....	163	157	185	180
Missouri.....	105	105	128	128
North Dakota.....	31	30	40	38
South Dakota.....	40	39	58	55
Nebraska.....	44	43	53	53
Kansas.....	51	48	51	50
West North Central.....	754	724	841	817
Delaware.....	3	3	2	2
Maryland.....	40	40	40	41
Virginia.....	61	57	78	76
West Virginia.....	12	12	13	12
North Carolina.....	54	53	60	58
South Carolina.....	15	15	17	16
Georgia.....	38	38	44	44
Florida.....	24	24	27	27
South Atlantic.....	247	242	281	276
Kentucky.....	93	90	106	98
Tennessee.....	77	75	93	92
Alabama.....	40	39	43	41
Mississippi.....	64	62	72	70
Arkansas.....	23	22	28	29
Louisiana.....	44	41	54	49
Oklahoma.....	42	43	56	54
Texas.....	82	85	105	110
South Central.....	465	457	557	543
Montana.....	10	10	15	14
Idaho.....	54	53	65	64
Wyoming.....	4	4	4	4
Colorado.....	30	32	42	53
New Mexico.....	9	8	10	8
Arizona.....	11	11	13	13
Utah.....	24	23	28	28
Nevada.....	5	5	6	6
Washington.....	50	48	57	50
Oregon.....	35	34	49	48
California.....	226	223	252	236
Western.....	458	453	539	534
48 States.....	3,621	3,465	3,934	3,862
Alaska.....	.4	.5	.5	.6
Hawaii.....	4	4	4	4
United States.....	3,625	3,469	3,939	3,867

Statistical Reporting Service.

Table 543.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, United States, Jan. 1, 1965-71

Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements	Year	Milk cows and heifers that have calved	Heifers 500 pounds and over kept for milk cow replacements
	Thousands	Thousands		Thousands	Thousands
1965.....	15,380	4,780	1969.....	12,835	4,040
1966.....	14,490	4,450	1970.....	12,578	3,974
1967.....	13,770	4,220	1971 <sup>1</sup> .....	12,445	3,939
1968.....	13,250	4,120			

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 544.—Milk cows and heifers: Number that have calved and heifers 500 pounds and over kept for milk cow replacements, by States, Jan. 1, 1970 and 1971

State and division	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements		State and division	Milk cows and heifers that have calved		Heifers 500 pounds and over kept for milk cow replacements	
	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>		1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands
Maine.....	67	66	26	25	Kentucky.....	348	340	95	89
New Hampshire.....	37	36	14	13	Tennessee.....	307	302	93	91
Vermont.....	205	203	65	62	Alabama.....	136	134	42	38
Massachusetts.....	64	63	20	19	Mississippi.....	198	191	62	57
Rhode Island.....	8	7	2	2	Arkansas.....	97	97	28	27
Connecticut.....	66	62	22	22	Louisiana.....	174	169	51	46
New York.....	1,030	1,018	336	336	Oklahoma.....	150	146	45	45
New Jersey.....	74	68	17	17	Texas.....	354	355	98	101
Pennsylvania.....	720	705	228	228					
North Atlantic.....	2,271	2,231	730	724	South Central.....	1,764	1,734	514	494
Ohio.....	457	449	139	142	Montana.....	44	42	12	12
Indiana.....	243	234	80	77	Idaho.....	154	150	54	55
Illinois.....	308	301	98	91	Wyoming.....	18	17	4	4
Michigan.....	469	462	169	169	Colorado.....	102	101	35	35
Wisconsin.....	1,846	1,846	654	667	New Mexico.....	36	35	10	10
East North Central.....	3,323	3,292	1,140	1,146	Arizona.....	51	52	13	13
Minnesota.....	980	981	344	344	Utah.....	76	81	27	31
Iowa.....	508	486	163	156	Nevada.....	14	14	5	5
Missouri.....	362	351	110	108	Washington.....	190	192	54	56
North Dakota.....	145	137	31	31	Oregon.....	109	107	36	36
South Dakota.....	186	177	49	47	California.....	775	806	250	250
Nebraska.....	191	187	50	45	Western.....	1,569	1,606	500	507
Kansas.....	204	198	60	58	48 States.....	12,563	12,430	3,968	3,904
West North Central.....	2,576	2,517	807	789	Alaska.....	1.7	1.7	.6	.6
Delaware.....	15	15	4	4	Hawaii.....	13	13	5	4
Maryland.....	167	168	46	46	United States.....	12,578	12,445	3,974	3,939
Virginia.....	223	220	69	67					
West Virginia.....	62	57	15	14					
North Carolina.....	189	185	55	54					
South Carolina.....	67	65	17	17					
Georgia.....	145	147	41	42					
Florida.....	192	193	30	30					
South Atlantic.....	1,060	1,050	277	274					

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 545.—Milk cow rations: Concentrates and forage fed per cow and pasture condition, by States, 1969 and 1970

State and division	Grain and other concentrates fed during calendar year				Hay and silage fed during the October-May feeding period ending in the year shown				Season average pasture condition, percent of normal	
	Per cow		Per 100 pounds of milk produced		Hay, per cow		Hay equivalent of all forage per cow <sup>1</sup>			
	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970
	Pounds	Pounds	Pounds	Pounds	Tons	Tons	Tons	Tons	Percent	Percent
Maine.....	3,680	3,870	41	42					87	82
New Hampshire.....	3,740	3,830	39	40	2.7	2.7	3.8	3.8	86	83
Vermont.....	3,440	3,640	37	38					88	88
Massachusetts.....	4,240	4,430	41	42					85	82
Rhode Island.....	4,230	4,360	42	43	1.9	2.0	3.4	3.6	87	81
Connecticut.....	4,320	4,450	42	43					85	78
New York.....	3,730	3,980	37	39	2.7	2.8	4.3	4.4	89	88
New Jersey.....	4,190	4,340	40	41	1.9	2.0	4.0	4.2	83	77
Pennsylvania.....	4,180	4,400	43	44	1.8	1.8	3.0	3.0	87	90
North Atlantic.....	3,894	4,115	39.5	40.9	2.3	2.4	3.8	3.8	88	87
Ohio.....	4,030	4,170	42	43	2.3	2.2	3.8	3.7	89	87
Indiana.....	4,050	4,200	41	42	2.0	2.0	4.0	4.0	91	89
Illinois.....	3,870	3,940	40	41	2.1	2.1	3.6	3.6	90	89
Michigan.....	3,930	4,060	40	41	2.6	2.6	4.2	4.3	84	88
Wisconsin.....	3,700	3,970	38	40	2.7	2.6	4.4	4.2	80	83
East North Central.....	3,820	4,024	39.2	40.8	2.5	2.4	4.2	4.1	87	87
Minnesota.....	3,760	4,070	39	41	3.1	2.9	4.5	4.3	81	79
Iowa.....	3,900	4,180	43	44	2.6	2.6	3.7	3.9	90	85
Missouri.....	3,570	3,840	44	45	2.6	2.5	3.7	3.6	84	82
North Dakota.....	2,890	3,170	39	42	3.0	3.2	4.0	4.1	76	78
South Dakota.....	3,190	3,520	39	42	2.3	2.8	3.6	4.0	78	74
Nebraska.....	3,230	3,570	40	42	2.2	2.2	3.2	3.3	83	75
Kansas.....	3,430	3,560	42	43	2.2	2.0	3.5	3.3	89	76
West North Central.....	3,606	3,894	40.7	42.5	2.7	2.7	4.0	3.9	85	80
Delaware.....	3,980	4,230	44	45					86	84
Maryland.....	3,970	4,230	43	45	1.8	1.6	3.8	3.7	82	82
Virginia.....	3,160	3,280	39	40	1.6	1.4	3.6	3.6	88	81
West Virginia.....	2,430	2,600	37	39	1.9	1.9	3.6	3.9	84	83
North Carolina.....	3,430	3,620	44	45	1.0	1.0	3.1	3.1	88	84
South Carolina.....	3,540	3,860	49	50	1.0	1.1	3.1	3.1	82	73
Georgia.....	4,060	4,260	51	52	1.0	.9	2.7	2.7	80	80
Florida.....	5,740	6,010	70	70	.6	.6	1.4	1.4	82	81
South Atlantic.....	3,911	4,134	48.3	49.6	1.3	1.2	3.0	3.0	84	81
Kentucky.....	3,070	3,210	44	45	1.6	1.8	2.5	2.8	88	89
Tennessee.....	3,150	3,370	47	48	1.5	1.6	2.3	2.4	80	84
Alabama.....	3,060	3,200	52	53	1.2	1.3	2.2	2.4	79	81
Mississippi.....	2,860	2,900	54	54	1.2	1.2	2.0	2.1	76	82
Arkansas.....	3,710	3,860	53	54	2.0	2.0	2.8	2.9	76	82
Louisiana.....	3,320	3,490	54	55	1.5	1.5	2.2	2.2	71	82
Oklahoma.....	4,290	4,500	51	53	2.4	2.7	3.0	3.3	83	70
Texas.....	4,420	4,650	52	54	2.4	2.4	2.7	2.8	73	72
South Central.....	3,489	3,667	49.9	51.1	1.8	1.8	2.5	2.6	78	79
Montana.....	2,550	2,680	32	33	3.6	3.2	4.2	3.8	82	88
Idaho.....	2,680	2,960	29	31	4.0	3.9	4.9	4.9	89	88
Wyoming.....	2,290	2,470	28	30	3.2	3.9	3.8	4.5	77	88
Colorado.....	3,350	3,410	39	39	3.1	3.1	4.3	4.2	83	84
New Mexico.....	3,000	3,120	35	36	3.2	3.2	4.3	4.3	80	73
Arizona.....	3,930	4,050	35	36	3.0	3.0	3.9	4.0	82	81
Utah.....	3,300	3,440	32	33	4.0	3.9	5.3	5.2	89	84
Nevada.....	3,330	3,470	33	34	4.4	4.0	5.0	4.6	92	90
Washington.....	3,460	3,690	32	33	2.8	2.8	3.9	3.9	85	81
Oregon.....	2,830	2,960	32	33	3.1	3.2	4.2	4.3	88	81
California.....	4,150	4,300	36	36	3.5	3.6	4.0	4.1	89	76
Western.....	3,627	4,071	34.4	37.4	3.4	3.4	4.2	4.2	85	83
United States.....	3,726	3,979	40.7	42.4	2.4	2.4	3.7	3.7	82	81

See footnotes on page 378.

Table 546.—Milk cow rations: Individual feeds as percentage of total concentrate rations fed to milk cows, by States, 1969 and 1970<sup>1</sup>

State and division	Corn		Oats		Barley		Sorghum grain		Commercial mixed feeds		Miscellaneous other	
	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970
	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent	Per-cent
Maine.....	2	1							92	92	6	2
New Hampshire.....	2	1							97	96	3	
Vermont.....	2	1							95	94	3	2
Massachusetts.....	1	1							89	85	9	1
Rhode Island.....	16	15	8	6					86	81	14	4
Connecticut.....	20	20	4	5	6	5			86	84	13	3
New York.....	38	39	11	11	4	4			67	73	9	2
New Jersey.....									63	59	7	5
Pennsylvania.....									34	33	13	6
North Atlantic.....	20.8	20.7	7.4	6.5	1.6	1.5			60.5	62.3	9.7	3.4
Ohio.....	66	66	12	11					12	13	10	2
Indiana.....	68	71	9	9					17	17	6	
Illinois.....	72	75	12	10					10	10	6	1
Michigan.....	63	66	21	18	1	1			6	7	9	1
Wisconsin.....	57	56	25	25	1				8	13	9	3
East North Central.....	61.5	61.7	20.0	19.5	.7	.1			9.2	12.2	8.6	2.2
Minnesota.....	58	61	27	23	1	1			9	10	5	
Iowa.....	77	73	12	11					8	12	3	1
Missouri.....	41	47	3	3	1	1	5	5	41	33	9	2
North Dakota.....	3	3	66	72	15	18			14	5	2	
South Dakota.....	41	48	35	36	10	4	2		8	7	4	4
Nebraska.....	61	59	5	5		1	9	10	20	20	5	1
Kansas.....	17	14	1	4	3	6	48	49	17	9	14	1
West North Central.....	53.4	54.6	10.3	18.2	2.1	2.1	5.0	4.9	14.7	13.8	5.5	.9
Delaware.....	31	51	1	2	5	2			61	36	2	8
Maryland.....	43	47	6	4	9	7			30	25	12	7
Virginia.....	35	33	4	3	6	7	2	1	42	47	11	2
West Virginia.....	33	27	4	3	1	2			59	65	3	
North Carolina.....	29	35	3	5	7	4			49	42	12	2
South Carolina.....	27	33	3	2	1	1			58	58	11	1
Georgia.....	20	22	1	2					57	57	22	
Florida.....	10	10							64	64	26	
South Atlantic.....	26.1	28.0	2.6	2.4	3.7	3.1	.4	.2	50.8	49.6	16.4	2.0
Kentucky.....	61	53	2	1	1	1			28	36	8	2
Tennessee.....	22	18	2	2					72	76	4	2
Alabama.....	32	31	1	2					55	57	12	2
Mississippi.....	20	11	1	1					73	75	6	5
Arkansas.....	5	9		1			2	7	90	72	3	7
Louisiana.....	12	11	1	1			1	1	75	83	11	
Oklahoma.....	3	6	8	12	10	12	26	18	38	38	15	3
Texas.....	7	5	4	4	1	2	32	32	45	47	11	3
South Central.....	21.7	18.5	2.8	3.1	1.4	2.0	10.9	10.6	54.3	56.8	8.9	2.7
Montana.....			11	12	40	39			42	41	7	1
Idaho.....	6	6	3	4	31	39			37	31	23	6
Wyoming.....	5	6	2	2	68	66			20	18	5	3
Colorado.....	31	38	2	3	13	9	3	3	41	38	10	1
New Mexico.....	2	3	1	3	6	4	28	30	55	47	8	5
Arizona.....	1				8	4	3	3	76	88	12	4
Utah.....	2	1	2	3	48	44			36	33	12	1
Nevada.....					26	24	2	3	71	71	1	
Washington.....	3	3	2	2					88	89	5	3
Oregon.....	1	3	9	10	6	6	1	1	76	74	7	3
California.....	1				1	7		1	98	88		1
Western.....	3.4	3.1	1.4	1.6	8.2	12.3	.9	1.6	81.5	75.1	4.6	1.8
United States.....	36.9	36.5	11.4	10.9	2.4	2.9	2.6	2.6	38.2	39.1	8.5	2.1

<sup>1</sup> Based on reports of rations fed dairy reporters' herds on May 1 and Nov. 1.

Statistical Reporting Service.

Table 547.—Milk cow rations: Homegrown feeds as percentage of total by kinds used in concentrate rations fed to milk cows, by States, 1969 and 1970

State and division	Corn		Oats		Barley		Total concentrates	
	1969	1970	1969	1970	1969	1970	1969	1970
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Maine.....			35					
New Hampshire.....								
Vermont.....								
Massachusetts.....								
Rhode Island.....								
Connecticut.....	15	12						
New York.....	65	68	93	85			20	16
New Jersey.....	84	84	50	41	76	89	24	25
Pennsylvania.....	79	90	72	75	79	87	43	48
North Atlantic.....	73.5	81.9	81.4	71.3	78.6	87.2	24.1	23.8
Ohio.....	80	85	85	87			67	68
Indiana.....	87	88	72	68			67	69
Illinois.....	90	89	81	84			75	75
Michigan.....	80	80	89	81	69	70	73	70
Wisconsin.....	72	73	84	86	65		63	62
East North Central.....	77.8	78.9	84.3	84.7	65.8	70.0	66.5	65.9
Minnesota.....	89	96	87	87	77	69	76	79
Iowa.....	87	90	79	87			76	75
Missouri.....	59	51	67	62			30	29
North Dakota.....	70	60	86	83	96	81	74	76
South Dakota.....	75	87	85	71	60	73	68	72
Nebraska.....	73	77	75	67			56	57
Kansas.....	56	45	54	50	39	45	45	43
West North Central.....	82.5	86.0	84.8	82.7	72.6	66.0	65.4	66.7
Delaware.....	80	69	85	80	65	55	29	38
Maryland.....	77	80	66	81	69	76	44	48
Virginia.....	63	66	65	77	86	82	31	31
West Virginia.....	34	44	50	62	65	72	14	15
North Carolina.....	47	60	59	62	66	60	20	27
South Carolina.....	58	44	62	63	88	83	20	17
Georgia.....	47	40	62	67			10	10
Florida.....	25	25					2	2
South Atlantic.....	57.0	59.7	63.0	70.8	72.8	64.3	19.8	21.1
Kentucky.....	72	64	49	49	85	71	46	36
Tennessee.....	53	59	64	75			13	13
Alabama.....	35	35	34	26			12	12
Mississippi.....	60	55	45	45			13	7
Arkansas.....	29	24		20			2	4
Louisiana.....	22	22	20	15			3	3
Oklahoma.....	29	25	16	19	37	54	12	13
Texas.....	7	5	20	17	12	10	8	5
South Central.....	55.2	50.6	28.8	26.6	37.9	43.7	15.8	12.6
Montana.....			63	43	36	41	22	24
Idaho.....	75	65	67	63	57	49	36	33
Wyoming.....			62	53	49	53	36	37
Colorado.....	30	38	55	42	37	30	17	20
New Mexico.....	26	23			35	30	4	3
Arizona.....					39	42	4	3
Utah.....	10	10	59	44	49	36	28	23
Nevada.....					50	46	13	11
Washington.....			76	75	25		2	2
Oregon.....	49	35	62	64	33	89	10	15
California.....	15				5	35		2
Western.....	29.4	36.1	62.7	53.9	49.0	42.2	6.7	8.6
United States.....	75.1	77.7	81.6	79.5	58.4	52.8	40.4	40.0

<sup>1</sup> Percentages shown are based on reports of rations fed dairy reporters' herds on May 1 and Nov. 1.

Statistical Reporting Service.



Table 548.—Milk cow rations: Estimated value per 100 pounds of concentrate rations fed during the year and value per ton of hay fed to milk cows Feb. 1, by States, 1969 and 1970

State and division	Value per 100 pounds of concentrate rations fed during the year		Value per ton of all hay fed to milk cows Feb. 1 <sup>1</sup>		State and division	Value per 100 pounds of concentrate rations fed during the year		Value per ton of all hay fed to milk cows Feb. 1 <sup>1</sup>	
	1969	1970	1969	1970		1969	1970	1969	1970
	Dol-lars	Dol-lars	Dol-lars	Dol-lars		Dol-lars	Dol-lars	Dol-lars	Dol-lars
Maine.....	3.75	3.78			North Carolina.....	3.64	3.78	33.00	33.50
New Hampshire.....	3.70	3.76	25.50	28.50	South Carolina.....	3.58	3.74	33.00	33.00
Vermont.....	3.66	3.74			Georgia.....	3.58	3.69	30.50	32.00
Massachusetts.....	3.63	3.69			Florida.....	2.99	3.30	36.00	36.50
Rhode Island.....	3.65	3.65	33.50	36.00	South Atlantic.....	3.47	3.65	33.36	34.73
Connecticut.....	3.66	3.63			Kentucky.....	3.30	3.55	27.00	27.50
New York.....	3.68	3.83	23.50	25.50	Tennessee.....	3.44	3.61	30.00	31.00
New Jersey.....	3.76	3.96	36.00	36.50	Alabama.....	3.49	3.59	32.50	32.50
Pennsylvania.....	3.55	3.68	28.00	30.50	Mississippi.....	3.40	3.49	27.00	27.50
North Atlantic.....	3.64	3.76	25.95	28.03	Arkansas.....	3.32	3.38	24.00	28.50
Ohio.....	3.12	3.19	25.00	25.50	Louisiana.....	3.45	3.57	25.00	29.50
Indiana.....	2.90	3.08	25.50	25.50	Oklahoma.....	3.11	3.14	25.50	28.50
Illinois.....	2.67	2.96	23.50	25.00	Texas.....	3.17	3.26	28.50	32.00
Michigan.....	2.87	3.16	22.50	22.50	South Central.....	3.31	3.43	27.58	29.78
Wisconsin.....	3.07	3.15	19.00	19.50	Montana.....	2.50	2.46	25.00	25.00
East North Central.....	3.00	3.13	21.19	21.38	Idaho.....	2.74	2.74	22.50	24.50
Minnesota.....	2.73	2.89	23.00	22.00	Wyoming.....	2.76	2.86	22.50	27.00
Iowa.....	2.54	2.73	20.50	21.00	Colorado.....	2.92	2.97	27.50	27.50
Missouri.....	3.00	3.18	24.50	25.00	New Mexico.....	3.23	3.25	33.50	34.50
North Dakota.....	1.95	2.05	17.50	19.50	Arizona.....	3.28	3.40	30.50	34.50
South Dakota.....	2.28	2.35	22.00	20.00	Utah.....	2.99	2.95	24.50	28.50
Nebraska.....	2.57	2.80	21.50	18.50	Nevada.....	3.33	3.31	25.00	30.00
Kansas.....	2.63	2.73	22.50	23.00	Washington.....	3.27	3.38	32.00	30.50
West North Central.....	2.64	2.81	22.08	21.57	Oregon.....	3.43	3.50	28.00	27.50
Delaware.....	3.57	3.67			California.....	3.23	3.33	30.90	35.50
Maryland.....	3.62	3.67	31.50	35.50	Western.....	3.17	3.25	28.64	31.84
Virginia.....	3.70	3.91	36.50	37.50	United States.....	3.15	3.28	24.72	25.89
West Virginia.....	3.80	4.01	30.50	31.00					

<sup>1</sup> Reflects difference in value of the various kinds of hay fed as well as the difference in value of baled, chopped, and loose hay.

Statistical Reporting Service.

#### FOOTNOTES FOR TABLE 545

<sup>1</sup> Does not include pasture or grazing of crop residues. In computing hay equivalent, 3 tons of silage are considered equal to 1 ton of hay.

Statistical Reporting Service.

Table 549.—Dairy product-feed price ratios: Milk-feed and milkfat-feed price ratios, value per 100 pounds of concentrate rations fed to milk cows, United States, annual 1955-70<sup>1</sup>

Year	Milk-feed price ratio <sup>2</sup>	Milkfat-feed price ratio <sup>3</sup>	Value per 100 pounds of grain and concentrates fed to milk cows		Year	Milk-feed price ratio <sup>2</sup>	Milkfat-feed price ratio <sup>3</sup>	Value per 100 pounds of grain and concentrates fed to milk cows	
			Whole milk selling areas	Cream selling areas				Whole milk selling areas <sup>4</sup>	Cream selling areas <sup>4</sup>
	Pounds	Pounds	Dollars	Dollars		Pounds	Pounds	Dollars	Dollars
1955.....	1.28	20.9	3.16	2.76	1963.....	1.36	23.4	3.04	2.65
1956.....	1.36	22.3	3.05	2.67	1964.....	1.38	23.9	3.03	2.53
1957.....	1.30	23.2	3.05	2.43	1965.....	1.40	23.6	3.03	2.59
1958.....	1.41	24.4	2.94	2.53	1966.....	1.53	25.0	3.15	2.70
1959.....	1.43	25.3	2.93	2.40	1967.....	1.56	24.4	3.22	2.72
1960.....	1.45	25.2	2.92	2.41	1968.....	1.70	-----	3.10	-----
1961.....	1.45	25.7	2.92	2.40	1969.....	1.75	-----	3.15	-----
1962.....	1.40	24.3	2.95	2.45	1970 <sup>5</sup> .....	1.74	-----	3.28	-----

<sup>1</sup> Annual ratios based on average of monthly ratios.

<sup>2</sup> Pounds of concentrate ration equal in value to 1 pound of whole milk sold by farmers to plants and dealers.

<sup>3</sup> Pounds of concentrate ration equal in value to 1 pound of milkfat in cream sold by farmers.

<sup>4</sup> Discontinued, beginning 1968.

<sup>5</sup> Beginning 1967, cream selling areas combined with whole milk selling areas.

<sup>6</sup> Preliminary.

Statistical Reporting Service. Data for 1930-54 in *Agricultural Statistics, 1967*, table 550.

Table 550.—Artificial-breeding organizations: Number of studs, herds enrolled, sires in service, and cows bred, United States, 1955-70

Year	Studs	Sires in service				Herds <sup>1</sup>	Dairy cows bred to—		Beef cows bred to beef bulls	Total cattle bred	Cows bred per sire
		Dairy	Beef	Total	Average per stud		Dairy bulls	Beef bulls			
	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number	Number
1955.....	79	-----	-----	2,450	31.0	845,900	-----	-----	-----	5,413,874	2,210
1956.....	79	-----	-----	2,353	32.3	900,400	-----	-----	-----	5,762,636	2,257
1957.....	75	-----	-----	2,651	35.3	946,000	-----	-----	-----	6,055,962	2,384
1958.....	71	-----	-----	2,676	37.7	975,372	-----	-----	-----	6,645,568	2,493
1959.....	64	-----	-----	2,460	38.4	930,059	-----	-----	-----	6,932,294	2,816
1960.....	62	-----	-----	2,544	41.0	910,000	-----	-----	-----	7,144,679	2,808
1961.....	56	-----	-----	2,486	44.4	863,781	7,047,148	<sup>2</sup> 435,592	-----	7,482,740	3,010
1962.....	56	2,036	420	2,456	43.9	862,150	6,837,681	<sup>3</sup> 911,006	-----	7,748,687	3,155
1963.....	51	2,138	401	2,539	50.2	621,141	6,468,545	969,748	235,289	7,673,582	2,999
1964.....	50	2,140	398	2,538	50.8	654,311	6,165,599	1,117,395	464,959	7,747,953	3,053
1965.....	<sup>4</sup> 46	1,367	449	2,316	50.3	591,839	6,301,178	963,657	615,147	7,879,982	3,402
1966.....	<sup>4</sup> 44	1,949	439	2,388	54.3	540,265	6,413,453	873,127	965,181	7,951,761	3,342
1967.....	35	2,012	364	2,376	67.9	458,782	6,259,425	788,933	672,819	7,871,265	3,313
1968.....	<sup>5</sup> 33	2,028	352	2,380	72.1	407,375	6,423,786	714,850	795,242	7,933,878	3,334
1969.....	<sup>5</sup> 30	1,955	390	2,345	78.2	387,979	6,590,147	604,916	924,381	8,209,444	3,501
1970.....	31	1,911	364	2,275	73.4	-----	-----	-----	-----	-----	-----

<sup>1</sup> Prior to 1963, number of herds largely reflected membership rather than those actually serviced.

<sup>2</sup> Probably includes some beef to beef inseminations.

<sup>3</sup> Includes one all-beef stud.

<sup>4</sup> Includes 150,068 first services, by State only, where breakdowns were not reported.

Agricultural Research Service. Data for 1939-54 in *Agricultural Statistics, 1967*, table 553.

#### FOOTNOTES FOR TABLE 553

<sup>1</sup> Based on total blood tests and estimated cattle in ring-test negative herds, the percentage of reactors was 0.4 for 1961, 0.5 for 1962, 0.6 for 1963, 0.6 for 1964, 0.5 for 1965, 0.6 for 1966, 0.6 for 1967, 0.6 for 1968, 0.6 for 1969, and 0.7 for 1970.

<sup>2</sup> Herds only.

<sup>3</sup> Increase in percentage of infected herds and cattle due to selective testing.

Agricultural Research Service. Data for 1951-60 in *Agricultural Statistics, 1967*, table 552.

**Table 551.—Dairy-herd-improvement associations: Number of associations, supervisors, herds and cows on test, and milk and butterfat production of cows reporting production, United States, 1955-71**

Year	Associations <sup>1</sup>	Super- visors <sup>1</sup>	Official dairy-herd-improvement plan					
			Herds	Cows	Cows per herd	Average production		
						Milk	Milkfat	
	Number	Number	Number	Number	Number	Pounds	Percent	Pounds
1955.....	2,268		41,240	1,333,866	32.3	9,502	3.95	375
1956.....	2,266		40,884	1,406,366	34.4	9,713	3.94	383
1957 <sup>2</sup> .....	1,700	2,310	41,538	1,479,799	35.5	9,894	3.93	389
1958.....	1,544	2,293	39,985	1,548,884	38.7	10,068	3.91	394
1959.....	1,500	2,337	40,284	1,607,538	39.9	10,327	3.88	401
1960.....	1,509	2,397	41,293	1,746,752	42.3	10,561	3.87	409
1961.....	1,395	2,448	42,558	1,867,469	43.9	10,796	3.87	418
1962.....	1,436	2,472	42,034	1,958,355	46.6	11,032	3.86	426
1963.....	1,441	2,516	41,937	2,006,534	47.8	11,286	3.85	434
1964.....	1,420	2,474	40,670	2,010,144	49.4	11,685	3.83	447
1965.....	1,424	2,439	40,075	2,087,581	52.1	11,976	3.82	457
1966.....	1,418	2,378	38,879	2,035,592	52.9	12,127	3.81	462
1967.....	1,344	2,319	37,683	2,098,919	55.7	12,307	3.80	468
1968.....	1,318	2,304	36,869	2,131,929	57.8	12,397	3.80	471
1969.....	1,280	2,250	35,617	2,138,963	60.1	12,553	3.79	476
1970.....	1,267	2,225	34,308	2,122,011	61.9	12,750	3.79	483
1971.....	1,274	2,201	33,996	2,218,402	65.3			

<sup>1</sup> Includes all plans. <sup>2</sup> Prior to 1957, associations were counted on the basis of supervisor circuits. Agricultural Research Service. Data for 1935-54 in *Agricultural Statistics, 1967*, table 554.

**Table 552.—Cattle: Tuberculin tests in cooperation with States, 1961-70**

Year	Tuberculin tests					
	Herds and lots	Cattle	Infected			
			Herds and lots		Cattle	
	Number	Number	Number	Percent	Number	Percent
1961.....	393,294	9,761,705	6,089	1.54	12,569	0.12
1962.....	373,690	8,941,433	4,313	1.15	9,539	.11
1963.....	340,674	8,398,450	3,497	1.03	8,087	.10
1964.....	318,039	8,525,881	2,690	.85	7,363	.10
1965.....	304,917	7,187,083	1,672	.55	5,567	.08
1966.....	252,948	6,451,222	1,317	.52	3,540	.05
1967.....	212,487	5,486,715	1,014	.48	4,119	.08
1968.....	165,767	4,485,124	662	.40	2,830	.06
1969.....	151,087	4,390,514	544	.36	2,923	.07
1970.....	133,150	4,044,986	421	.32	2,574	.06

Agricultural Research Service. Data for 1951-60 in *Agricultural Statistics, 1967*, table 551.

**Table 553.—Cattle: Brucellosis work in cooperation with States, 1961-70**

Year	Agglutination blood tests completed (on farm or ranch)						Calves vaccinated
	Herds and lots	Cattle	Infected				
			Herds and lots		Cattle		
	Number	Number	Number	Percent	Number	Percent <sup>1</sup>	Number
1961	1,555,013	13,207,861	60,865	3.9	136,816	1.0	6,751,362
1962	1,701,542	11,577,255	65,396	3.8	131,806	1.1	6,966,296
1963	1,934,146	11,412,699	66,156	3.4	132,184	1.2	6,962,406
1964	1,846,960	11,663,900	60,799	3.3	135,429	1.2	7,154,257
1965	2,036,446	12,045,506	53,017	2.6	126,209	1.1	6,903,780
1966	1,258,186	11,563,832	39,252	3.1	127,706	1.1	6,453,393
1967	<sup>2</sup> 416,256	<sup>2</sup> 7,337,243	<sup>2</sup> 31,855	<sup>2</sup> 7.7	<sup>2</sup> 111,230	<sup>2</sup> 1.5	<sup>2</sup> 6,331,556
1968	<sup>2</sup> 367,676	<sup>2</sup> 6,858,305	<sup>2</sup> 30,757	<sup>2</sup> 8.4	<sup>2</sup> 119,998	<sup>2</sup> 1.6	<sup>2</sup> 5,832,720
1969	<sup>2</sup> 274,724	<sup>2</sup> 5,406,185	<sup>2</sup> 23,137	<sup>2</sup> 8.4	<sup>2</sup> 88,484	<sup>2</sup> 1.6	<sup>2</sup> 5,165,415
1970	<sup>2</sup> 264,406	<sup>2</sup> 5,439,642	<sup>2</sup> 24,033	<sup>2</sup> 9.0	<sup>2</sup> 96,466	<sup>2</sup> 1.8	<sup>2</sup> 4,545,972

See footnotes on page 379.

Table 554.—Milk, milkfat, and butter production on farms: Number of producing cows, yield per cow, and total quantity produced, United States, 1955-70<sup>1</sup>

Year	Number of milk cows on farms <sup>2</sup>	Production of milk and milkfat <sup>3</sup>					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
1955	21,044	5,842	225	3.84	122,945	4,726	162,070
1956	20,501	6,090	233	3.82	124,860	4,773	139,810
1957	19,774	6,303	240	3.81	124,628	4,744	119,354
1958	18,711	6,585	249	3.78	123,220	4,658	96,123
1959	17,901	6,815	256	3.76	121,989	4,588	76,307
1960	17,515	7,029	264	3.76	123,109	4,628	62,895
1961	17,243	7,290	273	3.75	125,707	4,715	51,750
1962	16,842	7,496	280	3.74	126,251	4,718	42,100
1963	16,260	7,700	286	3.71	125,202	4,649	34,100
1964	15,677	8,099	300	3.70	126,967	4,699	27,085
1965	14,954	8,304	307	3.70	124,173	4,597	21,395
1966	14,093	8,507	314	3.69	119,892	4,425	16,265
1967	13,501	8,797	325	3.69	118,769	4,384	13,220
1968	13,038	8,992	330	3.67	117,234	4,305	10,500
1969	12,693	9,166	337	3.67	116,345	4,274	8,240
1970 <sup>4</sup>	12,509	9,388	344	3.67	117,436	4,305	6,012

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.<sup>2</sup> Average number on farms during year, excluding heifers not yet fresh.<sup>3</sup> Excludes milk sucked by calves.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1945-54 in *Agricultural Statistics, 1967*, table 555.Table 555.—Milk: Quantities used and marketed by farmers, United States, 1961-70<sup>1</sup>

Year	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves <sup>2</sup>	Consumed as fluid milk or cream	Used for farm-churned butter	Total	Sold to plants and dealers <sup>3</sup>		Sold directly to consumers <sup>4</sup>	Total
					As whole milk	As farm-separated cream		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1961	2,432	4,835	1,115	8,382	108,358	6,918	2,054	117,325
1962	2,330	4,419	915	7,664	110,678	5,943	1,966	118,587
1963	2,245	4,070	743	7,058	111,193	5,060	1,889	118,144
1964	2,132	3,742	595	6,469	114,176	4,439	1,893	120,478
1965	2,061	3,443	472	5,976	112,716	3,650	1,831	118,197
1966	1,973	3,146	362	5,481	109,675	2,993	1,743	114,411
1967	1,893	2,882	292	5,205	109,420	2,381	1,764	113,565
1968	1,823	2,696	235	4,714	108,767	1,973	1,780	112,520
1969	1,755	2,441	184	4,380	108,653	1,613	1,699	111,965
1970 <sup>5</sup>	1,728	2,238	136	4,102	110,284	1,348	1,732	113,594

<sup>1</sup> Includes Alaska and Hawaii.<sup>2</sup> Excludes milk sucked by calves.<sup>3</sup> Includes milk produced by dealers' own herds.<sup>4</sup> Sales directly to consumers by producers who sell only milk from their own herds. Also includes milk produced by institutional herds.<sup>5</sup> Includes some milk used for other purposes on farms or not utilized.<sup>6</sup> Preliminary.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 556.

## FOOTNOTES FOR TABLE 556

<sup>1</sup> Excludes milk sucked by calves.<sup>2</sup> Includes milk produced by dealers' own herds, except for New York and California, where such milk is included as sold directly to consumers.<sup>3</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.

Statistical Reporting Service.

Table 556.—Milk, milkfat, and butter production on farms: Number of producing cows, yield per cow, and total quantity produced, by States, 1969

State and division	Number of milk cows on farms <sup>1</sup>	Production of milk and milkfat <sup>2</sup>					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
Maine.....	69	8,957	336	3.75	618	23	60
New Hampshire.....	38	9,447	359	3.80	359	14	-----
Vermont.....	206	9,320	350	3.75	1,920	72	-----
Massachusetts.....	65	10,477	388	3.70	681	25	-----
Rhode Island.....	7.9	10,127	370	3.65	80	3	-----
Connecticut.....	66	10,288	381	3.70	679	25	-----
New York.....	1,029	10,150	365	3.60	10,444	376	-----
New Jersey.....	75	10,493	383	3.65	787	29	-----
Pennsylvania.....	721	9,705	359	3.70	6,997	259	120
North Atlantic.....	2,277	9,910	363	3.66	22,565	826	180
Ohio.....	463	9,639	361	3.75	4,463	167	94
Indiana.....	241	9,880	371	3.75	2,381	89	50
Illinois.....	316	9,491	346	3.65	2,999	109	50
Michigan.....	472	9,735	355	3.65	4,595	168	-----
Wisconsin.....	1,851	9,752	361	3.70	48,051	668	-----
East North Central.....	3,343	9,719	359	3.70	32,489	1,201	194
Minnesota.....	1,008	9,650	343	3.55	9,727	345	40
Iowa.....	528	9,252	333	3.60	4,885	176	208
Missouri.....	368	8,361	309	3.70	3,077	114	516
North Dakota.....	148	7,453	261	3.50	1,103	39	168
South Dakota.....	192	8,161	290	3.55	1,567	56	80
Nebraska.....	199	8,101	296	3.65	1,612	59	241
Kansas.....	206	8,189	299	3.65	1,087	62	160
West North Central.....	2,649	8,931	321	3.60	23,658	851	1,413
Delaware.....	15	9,200	340	3.70	138	5	-----
Maryland.....	169	9,249	342	3.70	1,563	58	-----
Virginia.....	225	8,018	301	3.75	1,804	68	936
West Virginia.....	63	6,571	246	3.75	414	16	312
North Carolina.....	190	7,816	293	3.75	1,485	56	1,118
South Carolina.....	69	7,333	290	3.95	506	20	216
Georgia.....	142	7,915	297	3.75	1,124	42	410
Florida.....	190	8,205	308	3.75	1,559	58	-----
South Atlantic.....	1,063	8,084	304	3.76	8,593	323	2,992
Kentucky.....	354	6,912	263	3.80	2,447	93	608
Tennessee.....	313	6,722	259	3.85	2,104	81	514
Alabama.....	138	5,855	222	3.80	808	31	514
Mississippi.....	201	5,279	205	3.90	1,061	41	500
Arkansas.....	99	6,990	259	3.70	692	26	415
Louisiana.....	175	6,160	237	3.85	1,078	42	50
Oklahoma.....	151	8,325	296	3.55	1,257	45	176
Texas.....	351	8,510	306	3.60	2,987	108	474
South Central.....	1,782	6,978	262	3.76	12,434	467	3,251
Montana.....	44	7,955	286	3.60	350	13	50
Idaho.....	155	9,219	341	3.70	1,429	53	-----
Wyoming.....	18.5	8,162	294	3.60	151	5	-----
Colorado.....	101	8,614	310	3.60	870	31	60
New Mexico.....	36	8,556	304	3.55	308	11	-----
Arizona.....	51	11,235	399	3.55	573	20	-----
Utah.....	76	10,303	371	3.60	783	28	-----
Nevada.....	13.8	10,072	363	3.60	139	5	-----
Washington.....	183	10,831	412	3.80	1,982	75	55
Oregon.....	110	8,836	353	4.00	972	39	45
California.....	776	11,466	413	3.60	8,898	320	-----
Western.....	1,564	10,521	384	3.65	16,455	600	210
Alaska.....	1.8	9,889	356	3.60	17.8	1	-----
Hawaii.....	12.8	10,391	353	3.40	133	5	-----
United States.....	12,693	9,166	337	3.67	116,345	4,274	8,240

<sup>1</sup> Average number on farms during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.

Statistical Reporting Service.

Table 557.—Milk, milkfat, and butter production on farms: Number of producing cows, yield per cow, and total quantity produced, by States, 1970 (preliminary)

State and division	Number of milk cows on farms <sup>1</sup>	Production of milk and milkfat <sup>2</sup>					Butter churned on farms
		Per milk cow		Percentage of fat in all milk produced	Total		
		Milk	Milkfat		Milk	Milkfat	
	Thousands	Pounds	Pounds	Percent	Million pounds	Million pounds	1,000 pounds
Maine.....	67	9,300	345	3.75	617	23	
New Hampshire.....	37	9,868	364	3.80	354	13	
Vermont.....	205	9,585	359	3.75	1,965	74	
Massachusetts.....	63	10,540	390	3.70	664	25	
Rhode Island.....	7.4	10,135	370	3.65	75	3	
Connecticut.....	64	10,359	383	3.70	663	25	
New York.....	1,024	10,207	367	3.60	10,452	376	
New Jersey.....	69	10,580	386	3.65	730	27	
Pennsylvania.....	712	9,964	370	3.70	7,116	263	80
North Atlantic.....	2,248	10,069	369	3.66	22,636	829	80
Ohio.....	454	9,705	364	3.75	4,406	165	47
Indiana.....	289	10,008	375	3.75	2,392	90	
Illinois.....	304	9,599	350	3.65	2,918	107	
Michigan.....	465	9,903	361	3.65	4,905	168	
Wisconsin.....	1,845	9,937	368	3.70	18,334	678	
East North Central.....	3,307	9,875	365	3.70	32,655	1,208	47
Minnesota.....	984	9,931	353	3.55	9,772	347	
Iowa.....	497	9,489	346	3.65	4,716	172	166
Missouri.....	357	8,532	316	3.70	3,046	113	387
North Dakota.....	141	7,553	264	3.50	1,065	37	126
South Dakota.....	180	8,378	297	3.55	1,508	54	40
Nebraska.....	189	8,497	306	3.60	1,606	58	241
Kansas.....	201	8,269	302	3.65	1,662	61	120
West North Central.....	2,549	9,170	330	3.60	23,375	842	1,080
Delaware.....	15	9,400	348	3.70	141	5	
Maryland.....	168	9,405	353	3.75	1,580	59	
Virginia.....	222	8,198	303	3.70	1,820	67	627
West Virginia.....	59	6,678	247	3.70	394	15	222
North Carolina.....	187	8,048	302	3.75	1,505	56	639
South Carolina.....	66	7,712	301	3.90	509	20	173
Georgia.....	146	8,199	307	3.75	1,197	45	320
Florida.....	191	8,592	314	3.65	1,641	60	
South Atlantic.....	1,054	8,337	310	3.72	8,787	327	2,281
Kentucky.....	344	7,137	268	3.75	2,455	92	817
Tennessee.....	304	7,026	267	3.80	2,136	81	329
Alabama.....	135	6,044	230	3.80	816	31	468
Mississippi.....	195	5,379	207	3.85	1,049	40	400
Arkansas.....	97	7,144	261	3.65	693	25	332
Louisiana.....	171	6,339	241	3.80	1,064	41	
Oklahoma.....	147	8,503	302	3.55	1,250	44	132
Texas.....	355	8,611	310	3.60	3,057	110	346
South Central.....	1,748	7,174	265	3.70	12,540	464	2,534
Montana.....	43	8,116	296	3.65	349	13	
Idaho.....	156	9,551	349	3.65	1,490	54	
Wyoming.....	17.6	8,239	301	3.65	145	5	
Colorado.....	101	8,752	315	3.60	884	32	
New Mexico.....	35	8,657	307	3.55	303	11	
Arizona.....	52	11,250	394	3.80	585	20	
Utah.....	80	10,425	381	3.65	834	30	
Nevada.....	13.9	10,216	363	3.55	142	5	
Washington.....	187	11,182	425	3.80	2,091	79	
Oregon.....	106	8,981	355	3.95	970	36	
California.....	794	11,957	430	3.60	9,494	342	
Western.....	1,588	10,886	396	3.64	17,287	629	
Alaska.....	1.8	10,333	377	3.65	18.6	1	
Hawaii.....	12.9	10,630	361	3.40	137	5	
United States.....	12,509	9,388	344	3.67	117,436	4,305	6,012

<sup>1</sup> Average number on farms during year, excluding heifers not yet fresh.<sup>2</sup> Excludes milk sucked by calves.

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Table 558.—Milk: Quantities used and marketed by farmers, by States, 1970 (preliminary)

State and division	Milk used on farms where produced				Milk marketed by farmers			
	Fed to calves <sup>1</sup>	Consumed as fluid milk and cream	Used for farm-churned butter	Total	Sold to plants and dealers <sup>2</sup>		Sold directly to consumers <sup>3</sup>	Total
					As whole milk	As farm-separated cream		
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Maine.....	8	13	—	21	580	—	16	596
New Hampshire.....	4	8	—	12	336	—	6	342
Vermont.....	18	18	—	36	1,905	—	24	1,929
Massachusetts.....	5	8	—	13	600	—	51	651
Rhode Island.....	1	1	—	2	69	—	4	73
Connecticut.....	8	8	—	16	624	—	23	647
New York.....	139	92	—	231	10,115	7	99	10,221
New Jersey.....	6	7	—	13	695	—	22	717
Pennsylvania.....	54	121	2	177	6,720	18	201	6,939
North Atlantic.....	243	276	2	521	21,644	25	446	22,115
Ohio.....	71	75	1	147	4,225	7	27	4,259
Indiana.....	25	42	—	67	2,305	10	10	2,325
Illinois.....	29	42	—	71	2,825	10	12	2,847
Michigan.....	80	46	—	126	4,440	27	12	4,479
Wisconsin.....	386	196	—	582	17,725	2	25	17,752
East North Central.....	591	401	1	993	31,520	56	86	31,662
Minnesota.....	167	132	—	299	9,335	131	7	9,473
Iowa.....	90	100	4	194	4,305	199	18	4,522
Missouri.....	37	92	9	138	2,865	18	25	2,908
North Dakota.....	29	32	3	64	625	370	6	1,001
South Dakota.....	26	34	1	61	1,330	112	5	1,447
Nebraska.....	32	38	6	76	1,300	222	8	1,530
Kansas.....	33	36	3	72	1,535	34	21	1,590
West North Central.....	414	464	26	904	21,295	1,086	90	22,471
Delaware.....	1	2	—	3	136	—	2	138
Maryland.....	14	18	—	32	1,540	—	8	1,548
Virginia.....	31	87	14	132	1,660	17	11	1,688
West Virginia.....	8	40	5	53	325	6	10	341
North Carolina.....	18	117	21	156	1,330	—	19	1,349
South Carolina.....	6	19	4	29	473	—	7	480
Georgia.....	7	29	7	43	1,140	—	14	1,154
Florida.....	6	10	—	16	1,825	—	100	1,925
South Atlantic.....	91	322	51	464	8,129	23	171	8,323
Kentucky.....	32	137	11	180	2,255	3	17	2,275
Tennessee.....	27	109	7	143	1,980	—	13	1,993
Alabama.....	7	63	10	80	715	—	21	736
Mississippi.....	9	66	8	83	960	—	6	966
Arkansas.....	8	33	8	49	630	—	14	644
Louisiana.....	6	47	—	53	1,015	—	16	1,031
Oklahoma.....	22	38	3	63	1,145	24	18	1,187
Texas.....	24	74	8	106	2,910	3	38	2,951
South Central.....	135	567	55	757	11,610	30	143	11,783
Montana.....	8	25	—	33	260	50	6	316
Idaho.....	38	32	—	70	1,400	8	12	1,420
Wyoming.....	4	10	—	14	117	11	3	131
Colorado.....	24	21	—	45	790	29	50	839
New Mexico.....	4	8	—	12	252	—	39	291
Arizona.....	6	7	—	13	540	—	32	572
Utah.....	9	18	—	27	755	2	50	807
Nevada.....	3	2	—	5	134	1	3	137
Washington.....	43	27	—	70	1,924	13	84	2,021
Oregon.....	25	21	1	47	875	10	38	923
California.....	89	35	—	124	8,895	4	471	9,370
Western.....	253	206	1	460	15,912	128	787	16,827
Alaska.....	3	5	—	8	16.8	—	1.0	17.8
Hawaii.....	1	1	—	2	127	—	8	135
United States.....	1,728	2,238	136	4,102	110,254	1,348	1,732	113,334

See footnotes on page 381.

Table 559.—Milk: Production and utilization in specified countries, average 1961-65, annual 1968 and 1969

Country	Production			Utilization					
	Milk cows	Production per cow	Milk production	Fluid milk <sup>1</sup>	Butter	Cheese	Canned milk	Other uses <sup>2</sup>	Feed
	1,000 head	Pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Average 1961-65:									
Canada	2,930	6,283	18,404	6,381	8,350	1,669	720	474	810
United States	16,195	7,778	125,660	58,215	31,842	15,073	5,014	13,267	2,249
Austria	1,122	6,010	6,743	2,498	2,009	566	26	440	1,204
Belgium	1,024	8,461	8,664	2,227	4,845	400	123	363	706
Denmark	1,428	8,202	11,713	1,886	7,007	1,674	( <sup>3</sup> )	<sup>3</sup> 683	463
France	9,409	5,756	54,162	11,037	22,515	7,936	788	1,049	10,837
Germany, West	5,852	7,753	45,368	12,232	23,294	2,775	( <sup>3</sup> )	<sup>3</sup> 2,853	4,214
Greece	434	2,671	1,159	637	168	158	0	0	196
Ireland	1,373	4,704	6,458	1,433	3,303	240	0	491	991
Italy <sup>4</sup>	3,448	5,959	21,872	6,238	3,314	7,155	( <sup>3</sup> )	<sup>3</sup> 128	5,037
Netherlands	1,701	9,169	15,597	2,305	4,914	4,305	2,157	1,060	647
Norway <sup>5</sup>	508	6,426	3,666	1,881	584	387	( <sup>3</sup> )	<sup>3</sup> 43	171
Sweden	1,180	7,158	8,446	3,112	3,948	820	2	194	370
Switzerland <sup>6</sup>	926	7,328	6,837	2,434	1,202	1,679	( <sup>3</sup> )	<sup>3</sup> 198	1,124
United Kingdom <sup>6</sup>	4,202	5,900	24,791	17,766	2,331	2,848	959	1,087	-----
Australia	3,190	4,779	15,244	3,337	9,597	1,324	164	740	82
New Zealand <sup>7</sup>	2,007	6,130	12,302	1,138	8,682	1,929	( <sup>3</sup> )	<sup>3</sup> 220	333
Total of above countries	56,989	-----	387,086	134,757	138,305	51,338	9,953	23,299	29,434
1968:									
Canada	2,577	7,125	18,362	5,972	7,931	2,225	( <sup>3</sup> )	<sup>3</sup> 1,545	689
United States	13,038	8,992	117,234	56,356	25,147	17,376	3,884	12,648	1,823
Austria	1,115	6,638	7,401	2,436	2,414	714	44	450	1,343
Belgium	1,067	8,085	8,627	1,875	5,506	447	181	276	342
Denmark	1,295	8,720	11,292	1,858	6,859	1,446	( <sup>3</sup> )	<sup>3</sup> 689	440
France	9,758	6,878	67,117	12,945	24,453	13,653	1,087	2,082	12,897
Germany, West	5,865	8,315	48,768	12,564	26,640	3,367	2,150	599	3,448
Greece	481	2,576	1,239	766	161	195	0	0	114
Ireland	1,067	5,037	8,694	1,476	4,184	632	0	646	1,156
Italy	3,515	8,825	29,474	6,861	2,745	6,744	75	416	3,633
Netherlands	1,830	9,288	16,997	4,407	2,771	5,386	2,467	1,243	723
Norway <sup>5</sup>	470	8,593	4,105	2,090	1,160	676	51	0	128
Sweden	851	8,549	7,275	2,959	3,097	842	1	133	243
Switzerland <sup>6</sup>	929	7,594	7,103	2,273	1,314	2,189	( <sup>3</sup> )	<sup>3</sup> 313	1,014
United Kingdom <sup>6</sup>	4,399	6,019	26,477	18,540	2,740	2,822	1,131	663	581
Australia	2,794	5,490	15,340	3,655	9,047	1,594	286	677	81
New Zealand	2,233	6,044	13,496	1,110	9,675	2,013	( <sup>3</sup> )	<sup>3</sup> 373	326
Total of above countries	53,824	-----	399,401	138,143	135,844	62,324	11,357	22,867	28,866
1969: <sup>8</sup>									
Canada	2,526	7,402	18,698	5,906	8,253	2,308	( <sup>3</sup> )	<sup>3</sup> 1,542	689
United States	12,693	9,166	116,345	55,241	23,915	17,616	3,877	13,941	1,755
Austria	1,085	6,789	7,366	2,487	2,317	774	49	399	1,340
Belgium	1,066	8,107	8,642	1,945	5,550	463	94	200	390
Denmark	1,233	8,722	10,754	1,817	6,237	1,484	( <sup>3</sup> )	<sup>3</sup> 775	441
France	9,639	6,869	66,205	12,637	23,095	14,286	1,030	2,390	12,798
Germany, West	5,878	8,332	48,977	12,618	25,898	3,611	2,191	1,341	3,318
Greece	478	2,546	1,217	746	161	195	0	115	0
Ireland	1,655	4,908	8,122	1,465	4,101	615	0	744	1,197
Italy	3,715	5,397	20,051	7,328	2,866	6,173	75	302	3,307
Netherlands	1,904	9,234	17,582	4,508	2,372	5,858	2,582	1,581	681
Norway <sup>5</sup>	436	9,092	4,030	2,103	1,045	701	49	4	128
Sweden	802	8,772	7,035	2,901	2,939	827	-----	139	229
Switzerland <sup>6</sup>	908	7,648	6,993	2,297	1,085	2,136	( <sup>3</sup> )	<sup>3</sup> 428	1,047
United Kingdom <sup>6</sup>	4,432	6,043	26,784	18,605	2,966	2,534	1,178	259	942
Australia	2,701	6,136	16,573	3,743	10,116	1,613	337	685	79
New Zealand	2,304	6,348	14,625	1,080	10,403	2,096	( <sup>3</sup> )	<sup>3</sup> 676	370
Total of above countries	53,455	-----	400,000	137,427	133,289	63,590	11,462	25,521	28,711

<sup>1</sup> Includes milk used for cream. <sup>2</sup> Includes milk used for ice cream, dried whole milk, and minor products waste and balance, unless otherwise indicated. <sup>3</sup> Canned milk included with other uses. <sup>4</sup> Production and utilization include sheep and goat milk. <sup>5</sup> Production and utilization include goat milk. <sup>6</sup> Under Milk Marketing Scheme only. <sup>7</sup> Year ending May 31. <sup>8</sup> Preliminary.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service officers, results of office research, and related information.

Table 560.—Milk: Supply and utilization, United States, 1964-70

Item	1964	1965	1966	1967	1968	1969	1970 <sup>1</sup>
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
Milk production.....	126,967	124,173	119,892	118,769	117,234	116,345	117,436
Net imports of ingredients (milk equivalent) <sup>2</sup> .....	90	149	1,431	1,334	172	316	502
Net change in storage cream (milk equivalent) <sup>3</sup> .....	-37	10	-60	43	24	-22	29
Total supply.....	127,020	124,332	121,263	120,146	117,430	116,639	117,967
Utilization (milk equivalent):							
Used in manufactured products:							
Creamery butter, total milk equivalent.....	32,576	29,867	25,084	27,563	26,459	25,241	25,569
Milk equivalent of butter from whey cream.....	1,301	1,319	1,413	1,457	1,488	1,510	1,616
Net milk equivalent.....	31,275	28,548	23,671	26,106	24,971	23,731	23,953
Cheese:							
American.....	11,454	11,458	12,154	12,701	12,718	12,668	14,315
Other.....	4,162	4,277	4,521	4,307	4,674	4,948	5,304
Cottage cheese, creamed.....	1,042	1,046	1,044	1,030	1,096	1,150	1,242
Canned milk:							
Evaporated.....	3,850	3,471	3,516	3,087	2,851	2,973	2,482
Sweetened condensed.....	209	214	287	141	195	190	159
Bulk condensed whole milk:							
Unsweetened.....	846	780	706	636	690	567	600
Sweetened.....	140	151	152	149	158	147	160
Dry whole milk.....	648	654	698	547	694	489	501
Ice cream and other frozen dairy products, total milk equivalent	12,215	12,557	12,476	12,505	13,020	13,043	13,046
Milk equivalent of butter and condensed milk used in ice cream.....	1,953	1,967	<sup>4</sup> 1,998	<sup>4</sup> 1,967	2,056	2,015	2,013
Net milk equivalent.....	10,262	10,570	10,508	10,538	10,964	11,028	11,033
Other manufactured products <sup>5</sup> .....	650	599	643	308	418	424	445
Total manufactured products.....	64,538	61,768	57,900	59,770	59,429	58,315	60,194
Used in fluid products:							
Sold by dealers.....	53,037	53,569	53,657	52,236	51,920	51,101	50,268
Sold by producers directly to consumers <sup>6</sup> .....	1,853	1,831	1,743	1,764	1,780	1,699	1,732
Total fluid sales.....	54,900	55,400	55,400	54,000	53,700	52,800	52,000
Used on farms where produced:							
Fed to calves.....	2,152	2,061	1,973	1,893	1,823	1,755	1,728
Consumed as fluid milk and cream.....	3,742	3,443	3,146	2,882	2,656	2,441	2,238
Used for farm-churned butter.....	595	472	362	292	235	184	136
Total used on farms.....	6,489	5,976	5,481	<sup>7</sup> 5,205	4,714	4,380	4,102
Residual <sup>8</sup> .....	1,093	1,188	2,482	1,171	-413	1,144	1,671
Total utilization.....	127,020	124,332	121,263	120,146	117,430	116,639	117,967

<sup>1</sup> Preliminary.<sup>2</sup> Whole milk equivalent (milkfat basis) of net imports of dairy manufacturing ingredients such as frozen cream and butterfat-sugar mixtures.<sup>3</sup> Whole milk equivalent of net out-of-storage movement of fluid and plastic cream during the year. A negative figure represents a net movement of cream into storage.<sup>4</sup> Without adjustment for imported butterfat-sugar mixtures which replaced butter and condensed milk used in ice cream.<sup>5</sup> Whole milk equivalent of dry cream, malted milk powder, part-skim dry milk, dry or concentrated ice cream mix, dehydrated butterfat, and other miscellaneous products using milkfat.<sup>6</sup> Sales directly to consumers by producers who sell only milk from their own herds; also includes milk produced by institutional herds.<sup>7</sup> Includes some milk used for other purposes on farms or not utilized.<sup>8</sup> Includes minor miscellaneous uses and any inaccuracies in production and utilization estimates.Statistical Reporting Service. Data for 1950-63 in *Agricultural Statistics, 1967*, table 561.

# FARM DAIRY PRODUCTS

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Table 561.—Farm dairy products: Quantity sold, price, cash receipts, and farm use, gross income, and farm value, by States, 1970 (preliminary)

State and division	Milk sold to plants and dealers				Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Per cent fluid grade <sup>1</sup>	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	Million pounds	Percent	Dollars	1,000 dollars	1,000 pounds	Cents	1,000 dollars	1,000 quarts	Cents	1,000 dollars
Maine	580	100	6.86	39,788	—	—	—	7,442	32.0	2,381
New Hampshire	336	100	6.67	22,411	—	—	—	2,791	31.0	865
Vermont	1,935	100	6.44	122,662	—	—	—	11,163	28.0	3,126
Massachusetts	600	100	6.82	40,920	—	—	—	23,721	31.0	7,354
Rhode Island	69	100	6.70	4,623	—	—	—	1,860	32.0	598
Connecticut	624	100	7.01	43,742	—	—	—	10,698	31.0	3,316
New York	10,115	100	5.99	605,888	270	58	157	46,047	27.5	12,663
New Jersey	695	100	6.34	44,063	—	—	—	10,233	27.3	2,794
Pennsylvania	6,720	98	6.30	423,360	670	59	395	93,488	25.5	23,839
North Atlantic	21,644	99	6.23	1,347,477	940	59	552	207,443	27.4	56,933
Ohio	4,225	89	5.97	252,232	270	50	135	12,558	25.0	3,140
Indiana	2,305	83	5.72	131,846	380	66	251	4,631	24.5	1,198
Illinois	2,825	73	5.38	151,985	360	64	230	5,581	25.5	1,423
Michigan	4,440	87	5.79	257,076	1,010	70	707	5,581	26.5	1,479
Wisconsin	17,725	51	5.10	903,975	70	74	52	11,628	24.5	2,849
East North Central	31,520	65	5.38	1,697,114	2,090	66	1,375	39,969	25.1	10,030
Minnesota	9,335	25	4.73	441,545	4,620	74	3,419	3,256	26.0	847
Iowa	4,305	32	4.97	213,958	7,100	74	5,254	8,372	27.0	2,260
Missouri	2,865	58	5.31	152,131	690	70	483	11,628	25.0	2,907
North Dakota	625	33	4.82	30,125	12,910	72	9,295	2,791	29.0	809
South Dakota	1,330	15	4.81	63,973	3,930	70	2,751	2,326	25.0	582
Nebraska	1,300	43	5.20	67,600	7,930	65	5,075	3,721	26.5	966
Kansas	1,535	72	5.66	86,881	1,250	68	850	9,767	23.5	2,295
West North Central	21,295	35	4.96	1,056,213	38,430	71	27,127	41,861	25.5	10,686
Delaware	136	100	6.61	8,990	—	—	—	930	26.5	246
Maryland	1,540	( <sup>2</sup> )	6.56	101,024	—	—	—	3,721	27.4	1,020
Virginia	1,660	85	6.32	104,912	660	47	310	5,116	30.0	1,535
West Virginia	325	( <sup>2</sup> )	6.18	20,085	240	50	120	4,651	28.0	1,302
North Carolina	1,330	97	7.04	93,632	—	—	—	8,837	26.0	2,296
South Carolina	473	( <sup>2</sup> )	7.25	34,293	—	—	—	3,256	25.9	843
Georgia	1,140	100	6.95	79,230	—	—	—	6,512	31.0	2,019
Florida	1,525	100	7.41	113,002	—	—	—	46,512	29.8	13,861
South Atlantic	8,129	96	6.83	555,168	900	48	430	79,535	29.1	23,124
Kentucky	2,255	63	5.35	120,642	120	60	72	7,907	24.0	1,898
Tennessee	1,980	68	5.69	112,662	—	—	—	6,047	25.0	1,512
Alabama	715	97	6.91	49,406	—	—	—	9,767	24.0	2,344
Mississippi	960	91	6.25	60,000	—	—	—	2,791	23.0	642
Arkansas	630	64	5.99	37,737	—	—	—	6,512	24.0	1,563
Louisiana	1,015	100	6.97	70,745	—	—	—	7,442	32.0	2,381
Oklahoma	1,145	60	6.39	73,165	890	70	623	8,372	25.0	2,063
Texas	2,910	100	6.86	199,626	110	56	62	17,674	29.0	5,125
South Central	11,610	83	6.24	723,983	1,120	68	757	66,512	26.4	17,558
Montana	260	89	5.64	14,664	1,840	68	1,251	2,791	25.0	698
Idaho	1,400	27	4.86	68,040	290	64	816	5,581	24.0	1,339
Wyoming	117	( <sup>2</sup> )	5.62	6,575	400	66	264	1,395	30.0	419
Colorado	760	( <sup>2</sup> )	6.37	48,412	1,080	63	680	23,256	29.0	6,744
New Mexico	232	100	6.41	16,153	—	—	—	18,140	32.0	5,805
Arizona	540	100	6.59	35,596	—	—	—	14,884	29.6	4,391
Utah	735	69	5.48	41,374	70	62	41	23,256	21.8	5,000
Nevada	134	100	5.90	7,906	40	62	25	630	28.5	265
Washington	1,924	100	5.81	111,784	530	66	350	39,070	26.0	10,158
Oregon	875	79	5.89	51,537	420	69	290	17,674	25.0	4,419
California	8,895	90	5.35	475,882	150	69	104	219,070	27.0	59,149
Western	15,912	85	5.52	877,913	4,820	66	3,191	366,047	26.9	98,387
Alaska	16.8	100	10.90	1,831	—	—	—	465	35.0	163
Hawaii	127	100	9.29	11,798	—	—	—	3,721	30.6	1,136
United States	110,254	73	5.68	6,271,497	48,300	69.2	33,432	805,583	27.1	218,016

See footnotes on page 389.

Table 561.—Farm dairy products: Quantity sold, price, cash receipts, and farm use, gross income, and farm value, by States, 1970 (preliminary)—Continued

State and division	Combined marketings of milk and cream				Used for milk, cream, and butter on farms where produced		Gross farm income from dairy products <sup>(1)</sup>	Farm value of all milk produced <sup>(2)</sup>
	Milk utilized	Average returns <sup>3</sup>		Cash receipts from marketings	Milk utilized	Value <sup>4</sup>		
		Per 100 pounds milk	Per pound milkfat					
	Million pounds	Dollars	Dollars	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	596	7.08	1.89	42,169	13	920	43,089	43,681
New Hampshire.....	342	6.81	1.79	23,276	8	545	23,821	24,107
Vermont.....	1,929	6.52	1.74	125,808	18	1,174	126,982	128,118
Massachusetts.....	651	7.42	2.01	48,274	8	594	48,889	49,269
Rhode Island.....	73	7.15	1.96	5,218	1	71	5,289	5,362
Connecticut.....	647	7.27	1.96	47,058	8	582	47,640	48,200
New York.....	10,221	6.05	1.68	618,708	92	5,566	624,274	632,346
New Jersey.....	717	6.54	1.79	46,857	7	458	47,315	47,742
Pennsylvania.....	6,939	6.45	1.74	447,594	123	7,933	455,527	458,982
North Atlantic.....	22,115	6.35	1.73	1,404,962	278	17,843	1,422,805	1,437,810
Ohio.....	4,259	6.00	1.60	255,507	76	4,560	260,067	264,360
Indiana.....	2,325	5.73	1.53	133,236	42	2,407	135,643	137,062
Illinois.....	2,847	5.40	1.48	153,638	2,298	2,298	155,906	157,572
Michigan.....	4,479	5.79	1.59	259,262	46	2,663	261,925	266,629
Wisconsin.....	17,732	5.11	1.38	906,876	196	10,016	916,892	936,867
East North Central.....	31,662	5.40	1.46	1,708,519	402	21,914	1,730,433	1,762,490
Minnesota.....	9,473	4.71	1.33	445,811	132	6,217	452,028	460,261
Iowa.....	4,522	4.90	1.34	221,472	104	5,096	226,568	231,084
Missouri.....	2,908	5.35	1.45	155,521	101	5,403	160,924	162,961
North Dakota.....	1,001	4.02	1.15	40,229	35	1,407	41,636	42,813
South Dakota.....	1,447	4.65	1.31	67,306	35	1,627	68,933	70,122
Nebraska.....	1,530	4.81	1.34	73,661	44	2,116	75,777	77,243
Kansas.....	1,590	5.66	1.55	90,026	39	2,207	92,233	94,099
West North Central.....	22,471	4.87	1.35	1,094,026	490	24,073	1,118,099	1,138,559
Delaware.....	138	6.69	1.81	9,236	2	134	9,370	9,433
Maryland.....	1,548	6.39	1.76	102,044	18	1,186	103,230	104,122
Virginia.....	1,688	6.32	1.71	106,757	101	6,383	113,140	115,024
West Virginia.....	341	6.31	1.71	21,507	45	2,839	24,346	24,861
North Carolina.....	1,349	7.11	1.90	95,980	138	9,812	105,742	107,005
South Carolina.....	480	7.32	1.88	35,136	23	1,684	36,820	37,259
Georgia.....	1,154	7.04	1.88	81,249	36	2,534	83,783	84,269
Florida.....	1,625	7.81	2.14	126,863	10	781	127,644	128,162
South Atlantic.....	8,323	6.95	1.87	578,722	373	25,353	604,075	610,136
Kentucky.....	2,275	5.39	1.44	122,612	148	7,977	130,589	132,324
Tennessee.....	1,963	5.73	1.51	114,174	110	6,647	120,821	122,363
Alabama.....	736	7.03	1.85	51,750	73	5,132	56,882	57,365
Mississippi.....	966	6.28	1.63	60,642	74	4,647	65,289	65,877
Arkansas.....	644	6.10	1.67	39,300	41	2,501	41,801	42,273
Louisiana.....	1,031	7.09	1.87	73,126	47	3,332	76,458	76,856
Oklahoma.....	1,187	6.39	1.80	75,881	41	2,620	78,501	79,875
Texas.....	2,951	6.94	1.93	204,813	82	5,091	210,504	212,156
South Central.....	11,783	6.30	1.70	742,298	622	38,547	780,845	789,119
Montana.....	316	5.26	1.44	16,613	25	1,315	17,928	18,357
Idaho.....	1,420	4.90	1.34	69,565	32	1,568	71,133	73,801
Wyoming.....	131	5.54	1.52	7,258	10	554	7,812	8,083
Colorado.....	839	6.66	1.85	55,536	21	1,399	57,235	58,874
New Mexico.....	291	7.55	2.13	21,958	8	604	22,562	22,876
Arizona.....	572	6.99	2.00	39,977	7	489	40,466	40,961
Utah.....	807	5.75	1.58	46,415	18	1,035	47,450	47,955
Nevada.....	137	5.98	1.68	8,196	2	120	8,316	8,492
Washington.....	2,021	6.05	1.59	122,292	27	1,633	123,925	126,505
Oregon.....	923	6.09	1.54	56,246	22	1,340	57,586	59,573
California.....	9,370	5.71	1.59	535,135	35	1,998	537,133	542,107
Western.....	16,827	5.82	1.60	979,491	207	12,055	991,546	1,006,173
Alaska.....	17.8	11.20	3.07	1,994	.5	56	2,050	2,083
Hawaii.....	135	9.58	2.82	12,953	1	96	13,029	13,125
United States.....	113,334	5.76	1.57	6,522,945	2,374	139,937	6,662,882	6,759,494

See footnotes on page 389.



Table 562.—Farm dairy products: Quantity sold, price, cash receipts, farm household consumption, gross income, and farm value, United States, 1961-70<sup>1</sup>

Year	Milk sold to plants and dealers			Cream sold to plants and dealers			Milk sold directly to consumers		
	Quantity	Price per 100 pounds	Cash receipts	Quantity milkfat	Price per pound fat	Cash receipts	Quantity	Price per quart	Cash receipts
	Million pounds	Dollars	1,000 dollars	1,000 pounds	Cents	1,000 dollars	Million quarts	Cents	1,000 dollars
1961.....	108,353	4.22	4,568,016	254,720	61.5	156,607	957	21.7	207,667
1962.....	110,678	4.09	4,529,454	218,470	59.4	129,814	914	21.9	200,368
1963.....	111,195	4.10	4,556,278	184,530	59.5	109,886	878	22.2	194,727
1964.....	114,176	4.15	4,737,507	160,650	60.2	96,660	865	22.3	192,666
1965.....	112,716	4.23	4,766,470	132,090	61.1	80,674	851	22.3	189,903
1966.....	109,675	4.81	5,271,099	107,830	67.2	72,509	813	23.2	188,368
1967.....	109,420	5.01	5,486,449	86,290	68.2	58,829	820	24.0	197,147
1968.....	108,767	5.24	5,701,114	71,190	68.7	48,836	826	24.8	205,102
1969.....	108,653	5.49	5,961,809	58,120	68.9	40,065	790	25.9	204,270
1970 <sup>2</sup> .....	110,254	5.68	6,271,497	48,900	69.2	33,432	806	27.1	218,016

Year	Combined marketings of milk and cream				Used for milk, cream and butter on farms where produced		Gross farm income from dairy products <sup>3</sup>	Farm value of all milk produced <sup>4</sup>
	Milk utilized	Average returns <sup>1</sup>		Cash receipts from marketings	Milk utilized	Value <sup>4</sup>		
		Per 100 pounds milk	Per pound milkfat					
	Million pounds	Dollars	Dollars	1,000 dollars	Million pounds	1,000 dollars	1,000 dollars	1,000 dollars
1961	117,325	4.20	1.12	4,932,290	5,950	265,275	5,197,565	5,296,024
1962	118,587	4.10	1.10	4,859,636	5,334	231,515	5,091,151	5,182,148
1963	118,144	4.11	1.11	4,860,891	4,813	210,287	5,071,178	5,195,474
1964	120,478	4.17	1.13	5,026,833	4,337	192,053	5,218,886	5,304,899
1965	118,197	4.26	1.15	5,037,047	3,915	174,999	5,212,046	5,296,432
1966	114,411	4.84	1.31	5,531,976	3,508	175,885	5,707,861	5,800,216
1967	113,565	5.06	1.37	5,742,425	3,174	166,108	5,908,533	6,008,175
1968	112,520	5.29	1.44	5,955,152	2,891	157,742	6,112,894	6,266,735
1969	111,965	5.54	1.51	6,206,144	2,625	149,515	6,355,659	6,450,073
1970 <sup>2</sup>	113,334	5.76	1.57	6,522,945	2,374	139,937	6,662,882	6,759,494

<sup>1</sup> Includes Alaska and Hawaii.<sup>2</sup> Preliminary.<sup>3</sup> Cash receipts divided by milk or milkfat represented in combined marketings.<sup>4</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.<sup>5</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.<sup>6</sup> Includes value of milk fed to calves. For 1967, also includes value of milk used for other purposes on farms or not utilized.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 563.

## FOOTNOTES FOR TABLE 561

<sup>1</sup> Percentage of milk sold to plants and dealers that is eligible for fluid use (Grade A in most States). Includes fluid-grade milk used in manufactured dairy products.<sup>2</sup> Not published to avoid disclosing individual operations for manufacturing grade milk.<sup>3</sup> Cash receipts divided by milk or milkfat represented in combined marketings.<sup>4</sup> Valued at average returns per 100 pounds of milk in combined marketings of milk and cream.<sup>5</sup> Cash receipts from marketings of milk and cream plus value of milk used for home consumption and farm-churned butter.<sup>6</sup> Includes value of milk fed to calves.

Statistical Reporting Service.



Table 563.—Milk markets under Federal marketing programs: Blend and Class I milk producers, deliveries by producers, producer deliveries used in Class I, Class I utilization markets, 1969 and 1970

Marketing area	Average minimum prices per 100 pounds payable to producers				Average number of producers	
	Blend price <sup>1</sup>		Class I price		1969	1970
	1969	1970	1969	1970		
	Dollars	Dollars	Dollars	Dollars	Number	Number
Appalachian, Tenn.-Va.-W. Va.-Ky. <sup>1</sup>	6.28	6.46	6.54	6.78	734	874
Austin-Waco, Texas <sup>1</sup>	6.82	7.06	7.11	7.35	296	242
Black Hills, S. Dak. <sup>1</sup>	4.91	5.52	6.66	6.60	84	80
Cedar Rapids-Iowa City, Iowa	5.21	5.34	5.71	5.95	360	396
Central Arizona <sup>1</sup>	6.23	6.52	6.91	7.17	180	176
Central Arkansas <sup>1</sup>	6.04	6.33	6.35	6.58	771	721
Central Illinois <sup>1</sup>	5.23	5.44	5.80	6.04	708	672
Central West Texas <sup>1</sup>	6.60	6.88	6.98	7.22	265	253
Chattanooga, Tenn.-Ga.	6.02	6.21	6.62	6.80	661	746
Chicago Regional, Ill.-Wis. <sup>1</sup>	5.07	5.28	5.61	5.87	16,639	1,688
Connecticut <sup>1</sup>	6.65	6.88	7.38	7.63	1,872	1,847
Corpus Christi, Texas <sup>1</sup>	7.01	6.84	7.48	7.72	180	241
Des Moines, Iowa	5.38	5.54	5.86	6.10	1,171	1,265
Duluth-Superior, Minn.-Wis.	4.77	5.01	5.51	5.75	665	648
Eastern Colorado, Colo.-Kans. <sup>1</sup>	6.00	6.32	6.61	6.93	1,267	1,237
Eastern Ohio-Western Pa., Ohio-Pa.-W. Va. <sup>1</sup>	5.63	5.82	6.28	6.52	10,202	9,930
Eastern South Dakota, S. Dak.-Iowa-Minn. <sup>1</sup>	5.42	5.54	5.91	6.15	380	393
Fort Smith, Ark.	6.12	6.35	6.36	6.49	144	151
Georgia <sup>1</sup>	6.55	6.53	6.81	6.95	1,426	1,466
Great Basin, Utah-Nev.-Idaho-Wyo. <sup>1</sup>	5.63	5.77	6.66	6.89	896	886
Indiana <sup>1</sup>	5.44	5.65	5.88	6.12	4,673	4,609
Inland Empire, Wash.-Idaho <sup>1</sup>	5.61	5.76	6.34	6.60	435	455
Kansas City, Mo.-Kans. <sup>1</sup>	5.53	5.68	6.15	6.39	2,192	2,186
Knoxville, Tenn.	5.38	5.76	5.81	6.13	629	484
Louisville-Lex.-Evans., Ky.-Ind.	5.61	5.70	5.91	6.14	3,017	2,897
Lubbock-Plainview, Texas	6.44	6.77	6.83	7.07	205	220
Massachusetts-R.I.-N.H. <sup>1</sup>	6.22	6.50	7.38	7.62	8,379	8,017
Memphis, Tenn.-Miss.-Ark.	6.15	6.33	6.35	6.59	705	730
Michigan Upper Peninsula, Mich.-Wis. <sup>1</sup>	5.33	5.61	5.76	6.00	375	349
Middle Atlantic, Del.-D.C.-Md.-N.J.-Pa.-Va. <sup>1</sup>	6.26	6.45	7.19	7.44	8,819	8,814
Minneapolis-St. Paul, Minn.-Wis.	4.97	5.19	5.48	5.71	4,416	4,599
Minnesota-N. Dakota, Minn.-N. Dak.-S. Dak. <sup>1</sup>	4.86	5.08	5.53	5.95	1,489	1,684
Mississippi <sup>1</sup>	6.06	6.26	6.88	7.12	1,067	1,354
Nashville, Tenn.-Ky.	5.65	5.80	6.01	6.23	1,147	1,085
Nebraska-Western Iowa, Nebr.-Iowa-S. Dak. <sup>1</sup>	5.55	5.69	6.01	6.25	1,732	1,756
Neosho Valley, Kans.-Mo. <sup>1</sup>	5.39	5.72	6.06	6.30	301	262
New Orleans, La.	6.10	6.41	7.26	7.50	1,266	1,294
New York-New Jersey <sup>1</sup>	5.87	6.10	7.04	7.29	28,554	26,802
North Central Iowa <sup>1</sup>	5.26	5.40	5.65	5.89	698	594
North Texas <sup>1</sup>	6.03	6.33	6.74	6.97	2,047	1,901
Northern Louisiana <sup>1</sup>	6.52	6.73	6.88	7.12	303	272
Ohio Valley, Ind.-Ky.-Mich.-Ohio-W. Va. <sup>1</sup>	5.65	5.83	6.13	6.32	8,468	8,241
Oklahoma Metropolitan <sup>1</sup>	5.76	5.78	6.39	6.63	1,597	1,902
Oregon-Washington <sup>1</sup>		5.81		6.60		1,290
Paducah, Ky.-Mo.	5.98	6.09	6.26	6.50	331	343
Puget Sound, Wash. <sup>1</sup>	5.87	5.54	6.26	6.50	1,861	1,776
Quad Cities-Dubuque, Iowa-Ill. <sup>1</sup>	5.14	5.40	5.71	5.96	973	996
Red River Valley, Texas-Okl. <sup>1</sup>	5.65	5.63	6.62	6.84	389	541
Rio Grande Valley, N. Mex.-Texas-Colo. <sup>1</sup>	6.01	6.26	6.76	7.00	338	362
St. Louis-Oarks, Mo.-Ill.-Ark. <sup>1</sup>	5.50	5.69	6.02	6.25	3,350	3,336
San Antonio, Texas	6.16	6.99	7.15	7.39	399	297
South Texas <sup>1</sup>	6.79	6.67	7.09	7.33	1,229	1,841
Southeastern Florida <sup>1</sup>	7.27	7.48	7.51	7.64	89	90
S. E. Minnesota-Northern Iowa, Minn.-Iowa <sup>1</sup>	5.06	5.14	5.52	5.71	781	978
Southern Illinois <sup>1</sup>	5.46	5.70	5.94	6.18	2,476	2,942
Southern Michigan <sup>1</sup>	5.43	5.68	6.01	6.25	9,156	8,671
Tampa Bay, Fla.	6.89	7.17	7.31	7.43	124	115
Texas Panhandle, Texas-Okl. <sup>1</sup>	6.02	6.32	6.66	6.90	262	262
Upper Florida <sup>1</sup>	6.98	7.24	7.21	7.33	184	191
Upstate Michigan <sup>1</sup>	5.55	5.72	5.90	6.13	40	23
Western Colorado <sup>1</sup>	5.78	6.27	6.56	6.84	71	56
Wichita, Kans. <sup>1</sup>	5.62	5.96	6.21	6.45	807	666

See footnotes on page 394.

prices at 3.5 percent fat test, f.o.b. city plant (unless indicated otherwise), number of percentage, average daily deliveries per producer, and average fat test of milk delivered by

Producer deliveries <sup>1</sup>		Producer deliveries used in Class I		Class I utilization percentage		Daily deliveries per producer		Average fat test	
1969	1970	1969	1970	1969	1970	1969	1970	1969	1970
Million pounds	Million pounds	Million pounds	Million pounds	Percent	Percent	Pounds	Pounds	Percent	Percent
348	402	317	381	91	90	1,299	1,265	3.66	3.68
149	145	136	131	91	90	2,017	2,227	3.49	3.48
53	55	19	27	35	48	1,716	1,866	3.60	3.55
125	142	80	77	64	54	1,030	1,054	3.68	3.65
942	873	422	445	78	78	8,046	8,930	3.24	3.32
288	273	242	236	84	87	1,389	1,529	3.60	3.58
260	258	153	148	59	57	1,009	1,032	3.72	3.69
175	171	151	149	86	87	1,829	1,875	3.57	3.53
310	387	228	282	73	73	1,281	1,422	3.91	3.85
7,115	7,603	3,609	3,455	57	45	1,172	1,284	3.67	3.66
1,161	1,186	887	894	76	75	1,599	1,760	3.66	3.68
161	183	139	131	85	72	2,556	2,625	3.94	3.88
435	465	292	283	67	61	1,086	1,109	3.74	3.75
180	198	63	58	32	50	741	787	3.76	3.75
708	720	806	821	71	72	1,842	1,999	3.62	3.59
3,354	3,426	2,297	2,235	68	65	900	944	3.72	3.72
166	187	112	110	67	59	1,197	1,304	3.58	3.53
45	47	40	41	88	88	1,413	1,529	3.70	3.70
811	1,306	718	987	88	82	2,067	2,253	3.74	3.72
448	489	275	274	61	58	1,373	1,512	3.66	3.69
1,670	1,782	1,230	1,248	74	70	981	1,083	3.74	3.70
203	255	135	151	67	59	1,227	1,533	3.81	3.85
1,000	1,057	680	640	66	60	1,251	1,325	3.68	3.63
265	203	186	154	70	76	1,145	1,148	3.72	3.66
1,032	1,054	764	754	74	72	938	967	3.10	3.69
79	76	68	67	88	89	2,009	2,318	3.60	3.58
3,569	3,617	2,149	2,128	60	59	1,167	1,235	3.73	3.73
315	338	278	290	88	86	1,575	1,677	3.66	3.67
109	109	79	82	72	73	798	854	3.68	3.69
4,424	4,501	2,970	2,924	67	65	1,375	1,448	3.70	3.69
1,759	1,962	815	846	46	43	1,091	1,169	3.72	3.72
539	654	206	199	38	30	961	1,066	3.55	3.54
468	527	336	362	72	69	1,235	1,350	3.92	3.84
482	488	375	362	78	74	1,151	1,234	3.75	3.74
771	849	547	551	71	65	1,220	1,325	3.65	3.66
108	97	65	64	60	66	1,181	1,271	3.57	3.58
536	573	352	366	66	64	1,159	1,214	3.86	3.84
10,332	10,300	5,587	5,446	54	53	991	1,052	3.60	3.61
253	212	192	144	76	68	1,156	1,163	3.69	3.66
1,276	1,191	948	898	74	75	1,725	1,714	3.58	3.56
212	218	184	185	87	85	1,924	2,196	3.86	3.83
2,743	2,842	2,030	2,040	74	72	887	945	3.71	3.71
695	841	490	500	70	59	1,212	1,226	3.55	3.55
1,062	1,062	629	629	59	59	2,255	2,255	3.92	3.92
121	127	100	698	83	77	1,001	1,017	3.98	3.88
1,276	1,380	667	651	52	47	1,878	2,128	3.80	3.79
401	409	232	238	58	58	1,142	1,164	3.68	3.65
214	297	124	136	58	46	1,507	1,536	3.53	3.55
342	344	257	256	75	74	4,271	4,324	3.56	3.54
1,385	1,455	969	964	70	66	1,134	3,195	3.66	3.64
317	258	219	225	69	67	2,716	1,197	3.60	3.46
639	852	520	620	86	73	1,650	1,616	3.60	3.65
581	614	541	569	93	92	17,946	18,585	3.79	3.69
225	464	126	206	56	44	1,183	1,311	3.66	3.60
854	894	546	553	64	62	945	1,049	3.67	3.67
3,625	3,709	2,392	2,431	66	66	1,085	1,172	3.72	3.64
348	375	299	331	86	88	7,666	8,954	3.14	3.22
120	113	91	87	76	77	1,294	1,705	3.52	3.48
451	493	418	464	93	94	6,723	7,066	3.76	3.66
15	9	11	7	79	72	1,011	1,139	3.61	3.48
38	34	25	25	66	74	1,478	1,694	3.74	3.74
398	354	279	265	70	75	1,341	1,500	3.64	3.60

Table 564.—Milk markets under Federal marketing programs: Milk and milk products sold for fluid consumption within defined marketing areas, 1969 and 1970

Marketing areas	Whole milk :				Skim milk items :				Milk and cream mixtures				Cream			
	Quantity		Milkfat test		Quantity		Milkfat test		Quantity		Milkfat test		Quantity		Milkfat test	
	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970
	Million pounds	Million pounds	Per cent	Per cent	Thousand pounds	Thousand pounds	Per cent	Per cent	Thousand pounds	Thousand pounds	Per cent	Per cent	Thousand pounds	Thousand pounds	Per cent	Per cent
Appalachian, Tenn.-Va. <sup>a</sup>	117	122	3.53	3.53	30,110	34,143	0.87	1.05	398	380	12.3	12.0	146	169	23.0	23.4
Ark.-Ky.	150	149	3.42	3.39	32,644	32,986	1.27	1.22	1,429	1,381	12.5	12.1	625	673	28.5	26.7
Ark.-La.-Tex.	21	20	3.36	3.33	9,669	10,927	1.79	1.81	1,222	1,365	12.5	12.3	184	234	23.8	24.2
Black Hills, S. Dak.	42	41	3.42	3.40	20,297	21,980	1.25	1.32	958	876	11.5	11.5	209	236	23.2	22.6
Cedar Rapids-Iowa City, Iowa	306	332	3.48	3.48	92,771	84,312	1.10	1.34	4,416	4,429	11.0	10.8	2,230	2,534	22.6	22.0
Central Arizona	161	162	3.45	3.41	30,704	32,383	1.52	1.49	1,262	1,275	11.0	10.8	560	750	26.3	24.2
Central Illinois	126	116	3.27	3.26	32,467	36,525	1.71	1.68	2,971	2,748	11.3	10.9	962	1,204	17.8	18.9
Central West Texas	105	100	3.35	3.33	36,950	34,477	1.66	1.66	1,258	1,153	11.9	11.8	940	980	28.2	26.1
Chattanooga, Tenn.-Ga.	137	137	3.49	3.48	36,268	31,695	1.63	1.63	1,258	1,153	11.9	11.8	940	980	28.2	26.1
Chicago Regional, Ill.-Wis.	2,321	2,275	3.47	3.45	94,653	100,524	1.60	1.65	62,003	55,263	12.2	11.8	22,939	22,046	20.7	20.7
Connecticut	124	124	3.46	3.47	15,096	15,564	1.21	1.25	8,153	8,525	10.8	10.5	10,823	10,147	24.3	24.7
Des Moines, Iowa	145	135	3.58	3.58	63,099	72,487	1.60	1.61	1,178	1,165	11.7	11.7	414	458	23.6	23.4
Duluth-Superior, Minn.-Wis.	48	44	3.34	3.34	21,316	23,885	1.46	1.54	3,401	3,061	12.7	12.8	986	1,053	24.1	23.2
Eastern Colorado, Colo.-Kans.	371	365	3.35	3.34	122,076	144,591	1.64	1.64	9,946	7,952	11.9	11.9	580	576	27.7	26.8
Eastern Ohio-Western Pa., Ohio-Pa.-W. Va. <sup>a</sup>	1,908	1,890	3.51	3.51	351,559	366,790	1.53	1.56	24,596	21,465	10.6	10.8	14,915	13,230	19.4	19.2
Eastern South Dakota, S. Dak.-Iowa-Minn.	63	61	3.32	3.29	40,762	45,223	1.73	1.74	1,556	1,325	11.3	11.1	593	641	25.8	24.9
Great Basin, Utah-Nev.-Idaho-Wyo.	175	158	3.43	3.41	108,917	113,293	1.79	1.81	2,290	2,191	12.4	12.4	2,304	2,348	29.6	28.7
Indiana	693	839	3.38	3.37	389,009	431,907	1.74	1.77	13,888	12,780	11.5	11.5	6,084	6,503	19.1	18.7
Inland Empire, Wash.-Idaho	65	64	3.53	3.53	51,161	56,360	1.86	1.86	1,810	1,788	11.7	11.6	919	963	28.6	27.8
Kansas City, Mo.-Kans.	410	395	3.33	3.33	147,641	156,253	1.72	1.69	7,155	6,417	11.4	11.2	2,488	2,513	23.8	23.3
Knoxville, Tenn.	151	143	3.64	3.70	51,103	61,915	1.20	1.45	651	651	10.7	12.5	1,355	1,389	25.0	25.0
Louisville-Lex.-Evans, Ky.-Ind.	505	491	3.38	3.37	124,810	140,871	1.59	1.65	5,251	4,983	11.4	11.5	1,592	1,456	24.0	23.8
Labock-Plainview, Texas	65	65	3.46	3.44	3,026	3,118	1.11	1.11	7,996	7,839	11.3	11.3	49,713	48,021	21.3	21.3
Massachusetts-R.I.-N. H.	1,918	1,825	3.41	3.41	322,236	292,229	1.07	1.11	1,693	1,519	12.1	12.0	1,042	1,000	24.2	23.8
Memphis, Tenn.-Miss.-Ark.	188	180	3.52	3.52	39,158	40,814	1.20	1.19	1,693	1,519	12.1	12.0	1,042	1,000	24.2	23.8
Midwest, Mich.-W. Mich.-Wis.	82	82	3.52	3.52	19,005	22,632	1.53	1.61	1,290	1,249	11.7	11.6	402	405	26.1	24.9
Middle Atlantic, Del.-D.C.	228	228	3.48	3.46	270,727	283,372	1.17	1.12	28,090	26,173	11.8	11.6	17,061	15,008	21.9	21.8
Md.-N. J.-Pa.-Va. <sup>a</sup>	2,208	2,208	3.48	3.46	270,727	283,372	1.17	1.12	28,090	26,173	11.8	11.6	17,061	15,008	21.9	21.8
Minneapolis-St. Paul, Minn.-Wis. <sup>a</sup>	454	417	3.28	3.28	317,755	330,283	1.56	1.59	10,407	9,963	10.7	10.6	7,448	7,665	25.8	25.3
Minnesota-North Dakota, Minn.-N. Dak.-S. Dak.	125	121	3.30	3.30	50,621	57,221	1.48	1.52	2,350	2,312	11.5	11.3	2,459	2,416	28.7	28.2

Mississippi	306	314	3.80	3.50	3.79	53,595	56,436	1.54	1.52	2,139	2,109	12.1	11.9	960	1,071	25.2	24.4
Nashville, Tenn.-Ky.	291	299	3.50	3.50	3.50	58,028	59,010	.91	.90	1,475	1,401	12.3	12.8	777	789	27.2	26.6
Nebraska-Western Iowa, Nebr.																	
Iowa-S. Dak.	366	356	3.34	3.34	3.32	129,515	141,555	1.55	1.50	8,595	7,832	11.3	11.1	2,383	2,413	22.5	21.8
Noosho Valley, Kans.-Mo.	65	63	3.34	3.34	3.34	15,328	17,428	1.55	1.50	1,192	1,090	11.8	11.5	266	283	23.8	23.3
New Orleans, La.	328	328	3.34	3.34	3.34	37,425	37,425	1.59	1.58	2,624	2,494	12.4	12.2	766	779	23.4	23.8
New York	111	107	3.47	3.47	3.44	53,662	57,707	1.60	1.64	2,402	2,207	11.8	11.8	546	546	24.4	24.1
North Texas	580	592	3.39	3.39	3.37	175,659	168,010	1.42	1.48	6,972	6,537	11.4	11.3	4,951	5,043	25.6	24.9
Northern Louisiana	114	114	3.82	3.82	3.82	21,656	22,393	1.71	1.58	652	646	11.4	11.3	520	523	24.8	24.7
Ohio Valley, Ind.-Ky.-Mich.																	
Ohio-W. Va. <sup>3</sup>	1,629	1,627	3.51	3.39	3.49	400,238	437,801	1.59	1.56	17,566	15,700	11.0	11.0	5,187	5,168	21.6	19.9
Oklahoma Metropolitan	308	311	3.37	3.37	3.37	52,696	52,696	1.68	1.48	3,225	3,296	11.5	11.6	1,185	1,206	23.6	22.9
Padgett, Ky.-Mo.	70	71	3.43	3.43	3.42	12,608	12,615	1.32	1.35	8,742	8,396	11.9	11.9	5,067	5,174	27.9	27.4
Puget Sound, Wash.	415	386	3.30	3.30	3.30	219,240	233,367	1.64	1.49	2,769	2,547	11.9	11.9	641	664	22.9	22.1
Quad Cities, Dubuque, Iowa-III	108	108	3.30	3.30	3.30	13,367	13,367	1.64	1.49	2,769	2,547	11.9	11.9	641	664	22.9	22.1
San Antonio, Texas	113	109	3.37	3.37	3.38	21,845	20,275	1.57	1.52	799	744	11.2	11.1	381	557	22.3	20.5
San Antonio, Texas	296	286	3.50	3.50	3.51	39,138	41,817	1.68	1.67	3,078	2,830	11.9	11.9	1,285	1,446	24.8	24.0
St. Louis-Ozarks, Mo.-Ill.																	
Ark.	453	452	3.30	3.30	3.31	186,169	204,227	1.79	1.80	6,655	6,220	11.9	11.6	4,282	4,426	19.6	18.6
San Antonio, Texas	163	163	3.41	3.38	3.38	17,828	16,990	1.28	1.12	1,415	1,299	11.3	11.3	1,415	1,472	25.7	24.2
South Texas	492	503	3.70	3.67	3.67	167,153	172,504	1.66	1.66	10,354	10,308	10.8	10.9	5,131	5,204	22.8	23.3
Southeastern Florida	479	493	3.26	3.26	3.26	163,505	174,136	1.82	1.83	8,015	7,222	11.1	11.1	2,153	2,304	20.6	19.8
Southern Illinois	1,899	1,819	3.50	3.50	3.49	393,446	448,744	1.37	1.33	36,033	32,368	10.6	10.6	16,742	16,637	20.8	20.2
Tampa Bay, Fla.	327	351	3.55	3.55	3.52	57,802	57,024	1.02	1.04	4,184	4,087	11.1	11.1	1,725	1,432	23.6	24.4
Texas Panhandle, Texas-Okl.	73	72	3.40	3.38	3.38	13,592	13,451	1.65	1.64	786	747	11.7	11.9	428	431	26.5	27.5
Upper Florida	416	434	3.53	3.45	3.45	59,704	58,481	1.04	1.06	2,314	2,463	11.2	11.2	1,405	1,290	24.5	24.8
Wichita, Kans.	142	134	3.29	3.30	3.30	56,723	52,848	1.70	1.70	3,007	2,642	11.0	10.9	797	852	25.7	24.4

<sup>1</sup> In-area sales represent total fluid milk sales in each of the areas by handlers registered under the respective orders, by handlers registered outside the area but not by handlers registered outside the area. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated. <sup>2</sup> Plain, flavored, and fluid equivalent of concentrated. <sup>3</sup> Plain, fortified, and flavored skim and part skim milk, and buttermilk and cultured specialties. <sup>4</sup> Sales represent the area prior to the 1970 amendment. (The May 1, 1969 amendment merged the Eastern Ohio-Western Pennsylvania and Clarkburg markets. The Oct.

1, 1970 amendment expanded the marketing area.) <sup>5</sup> Sales represent the area after the merger and expansion of Delaware Valley, Upper Chesapeake Bay, and Washington, D.C., Aug. 1, 1970, and Tri-State, Cincinnati, Columbus, Miami Valley, and Northwestern Ohio, Aug. 1, 1970. <sup>6</sup> Sales for marketing area as defined after the 1969 amendment.

Consumer and Marketing Service. Compiled from reports of market administrators.

# MILK MARKETS

Table 565.—Federal Milk Order Markets: Measures of growth, 1961-70

Year	Markets ( <sup>1</sup> )	Population of Federal milk marketing areas ( <sup>2</sup> )	Handlers ( <sup>1</sup> )	Producers ( <sup>2</sup> )	Producer deliveries	Producer deliveries used in Class I	Percentage of producer deliveries used in Class I
	Number	Thousands	Number	Number	Million pounds	Million pounds	Percent
1961.....	81	93,727	2,314	192,947	48,803	29,859	61.2
1962.....	83	97,353	2,258	186,468	51,648	31,606	61.2
1963.....	82	100,063	2,144	176,477	52,860	32,964	62.4
1964.....	77	99,338	2,010	167,503	54,447	33,965	62.4
1965.....	73	102,351	1,891	158,077	54,444	34,561	63.5
1966.....	71	98,307	1,724	145,964	53,012	34,805	65.7
1967.....	74	103,566	1,650	140,657	53,761	34,412	64.0
1968.....	67	117,013	1,637	141,623	56,444	36,490	64.6
1969.....	67	122,319	1,628	144,275	61,026	39,219	64.3
1970.....	62	125,385	1,566	143,400	65,060	40,038	61.5

Year	Prices at 3.5 percent butterfat content per hundredweight <sup>1</sup>		Receipt as percentage of milk sold to plants and dealers		Daily deliveries per producer	Gross value of blend price adjusted for butterfat content	
	Class I	Blend	Fluid grade	All milk		Per producer	All producers
	Dollars	Dollars	Percent	Percent		Dollars	Thousand dollars
1961.....	4.91	4.45	67	45	704	11,131	2,147,656
1962.....	4.80	4.14	70	47	761	12,854	2,210,330
1963.....	4.78	4.18	70	48	821	12,814	2,261,437
1964.....	4.87	4.23	70	48	888	14,174	2,374,137
1965.....	4.93	4.31	70	48	944	15,300	2,418,526
1966.....	5.55	4.95	70	48	994	18,526	2,630,908
1967.....	5.85	5.17	70	49	1,056	20,321	2,858,351
1968.....	6.23	5.53	74	52	1,089	22,561	3,195,087
1969.....	6.50	5.74	77	56	1,164	24,892	3,591,293
1970 <sup>2</sup> .....	6.74	5.95	81	59	1,244	27,631	3,962,259

<sup>1</sup> End of year. (Date on which pricing provisions became effective.)<sup>2</sup> End of year.<sup>3</sup> Average for year.<sup>4</sup> Preliminary.<sup>5</sup> Prices are simple averages for 1961 and weighted averages for 1962-70.Consumer and Marketing Service. Compiled from reports of market administrators. Data for 1947-60 in *Agricultural Statistics, 1967*, table 567.

## FOOTNOTES FOR TABLE 563

<sup>1</sup> Minimum blend price in market pools; weighted average of dealers' blend prices in individual-handler pools; weighted average of base and excess payments where such payments are used. <sup>2</sup> Excludes producer-handlers who purchase no milk from other producers. <sup>3</sup> Bristol, Tennessee. <sup>4</sup> Zone I-New Braunfels, Texas. <sup>5</sup> Rapid City, South Dakota. <sup>6</sup> Phoenix. <sup>7</sup> Little Rock. <sup>8</sup> Peoria. <sup>9</sup> Abilene. <sup>10</sup> Zone I. <sup>11</sup> Blend price includes approximately 43.5 cents for 1969 and 41.9 cents for 1970 per hundredweight to nearby and intermediate producers. <sup>12</sup> Mercedes. <sup>13</sup> Denver. <sup>14</sup> Cleveland-Erie district (Pittsburgh district plus 10 cents). Merger of Eastern Ohio-Western Pennsylvania and Clarksburg effective May 1, 1969. January-April 1969, weighted average of combined markets. <sup>15</sup> Sioux Falls. <sup>16</sup> Atlanta. April 1969-December 1970. <sup>17</sup> Salt Lake City, Utah. <sup>18</sup> Indianapolis. Merger of Indianapolis, Fort Wayne, and Northwestern Indiana effective Jan. 1, 1969. <sup>19</sup> Spokane, Washington. <sup>20</sup> Kansas City and Topeka. <sup>21</sup> Boston nearby plant price. Price at 201-210 mile zone, 40 cents less. May-November 1969 blend price includes 10 cents per hundredweight distributed to distant producers from the farm location, differential escrow fund of May 21, 1970. <sup>22</sup> Class I price at Zone II (Marquette). <sup>23</sup> Merger of Delaware Valley, Upper Chesapeake Bay, Washington, D.C. effective Aug. 1, 1970. January 1969-July 1970 weighted average of combined markets. August-December 1970, Philadelphia, Baltimore, and Washington, D.C. Price excludes a 16-cent direct delivery differential applicable to milk delivered to Philadelphia. <sup>24</sup> Base zone (Fargo). <sup>25</sup> Gulfport; Jackson and Greenville 16 cents less. <sup>26</sup> Pittsburg, Kansas. <sup>27</sup> New York metropolitan area price excludes a 5-cent direct delivery differential. Price at 201-210 mile zone, 24 cents less. <sup>28</sup> Zone I (Waterloo). <sup>29</sup> Zone I (Dallas). <sup>30</sup> Monroe and Shreveport. <sup>31</sup> Merger of Cincinnati, Columbus, Miami Valley, Northwestern Ohio, and Tri-State effective Aug. 1, 1970. January 1969-July 1970 weighted average of combined markets. August-December 1970, Central Zone. <sup>32</sup> Oklahoma City. <sup>33</sup> Portland. <sup>34</sup> District I (Seattle). <sup>35</sup> Rock Island, Illinois. <sup>36</sup> Wichita Falls, Texas. <sup>37</sup> Albuquerque, Santa Fe, and El Paso. <sup>38</sup> Zone I (St. Louis). <sup>39</sup> Houston. <sup>40</sup> Miami. <sup>41</sup> May-December 1969. <sup>42</sup> Base zone. <sup>43</sup> Detroit. Price excludes an 8-cent direct delivery differential. <sup>44</sup> Amarillo. <sup>45</sup> Jacksonville and Tallahassee. <sup>46</sup> Traverse City. <sup>47</sup> Grand Junction.

Consumer Marketing Service. Compiled from reports of market administrators.

Table 566.—Fluid whole milk prevailing price paid by consumers for the most common grade: <sup>1</sup> Average per half gallon, delivered to homes in specified cities, 1961-70

City	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
Boston, Mass.	53.3	52.8	50.8	52.2	52.7	56.8	59.7	61.6	65.0	69.2
Hartford, Conn.	50.2	52.7	55.2	55.2	57.3	61.2	63.7	65.6	67.8	70.8
New York Metropolitan <sup>2</sup>	54.9	54.5	54.2	51.7	51.2	53.4	55.0	54.8	58.0	63.3
Philadelphia, Pa.	53.0	52.3	52.3	51.8	51.0	53.1	56.4	59.4	62.8	66.0
Pittsburgh, Pa.	45.5	44.8	43.9	42.3	42.8	49.0	53.8	59.6	61.0	65.2
Cleveland, Ohio	45.0	45.0	45.0	45.2	46.1	50.7	55.4	59.8	63.0	67.0
Indianapolis, Ind.	54.1	54.2	55.5	54.1	54.0	56.9	59.2	61.3	64.2	66.5
Chicago, Ill.	48.0	47.0	47.0	47.0	47.5	51.2	55.2	58.7	60.8	61.0
Detroit, Mich.	47.1	46.2	45.5	46.2	46.5	48.3	48.9	53.8	56.0	57.4
Milwaukee, Wis.	41.0	41.8	42.1	42.5	43.5	48.5	50.0	50.8	52.9	57.8
Minneapolis, Minn.	46.8	46.8	45.2	47.0	48.4	52.3	53.4	56.5	60.6	62.3
Kansas City, Mo.	48.0	48.0	48.0	48.0	48.0	50.2	50.0	50.8	54.4	57.5
Omaha, Nebr.	51.1	53.0	52.9	54.7	56.2	60.2	63.3	65.7	68.4	71.8
Baltimore, Md.	53.5	54.2	55.2	56.1	57.0	60.7	65.0	67.1	70.1	73.2
Washington, D.C.	55.0	55.0	55.0	56.6	57.1	59.7	62.2	63.0	67.9	69.7
Jacksonville, Fla.	48.2	47.0	47.0	48.7	49.0	53.6	56.5	58.6	61.0	64.0
Louisville, Ky.	48.9	48.0	53.2	55.2	55.4	56.8	60.2	60.8	62.7	64.2
New Orleans, La.	46.9	45.1	47.0	48.9	48.8	56.1	59.7	61.2	63.2	65.5
Dallas, Tex.	48.8	45.4	48.4	50.8	46.9	52.2	54.8	53.2	56.2	61.0
Denver, Colo.	48.8	49.5	49.1	47.8	47.0	48.6	50.0	52.0	56.0	58.4
Salt Lake City, Utah	52.5	53.8	54.0	54.8	51.5	52.7	53.5	56.1	57.2	59.2
Seattle, Wash.	51.6	53.0	54.0	54.1	55.8	56.9	57.8	60.9	62.0	64.0
Portland, Ore.	52.2	53.5	54.0	54.0	53.2	54.0	55.8	56.5	59.8	63.0
Los Angeles, Calif.										
San Francisco, Calif.										
Average 25 cities <sup>4</sup>	49.7	49.8	50.3	51.0	51.2	54.5	57.0	59.0	62.0	64.8
Buffalo, N.Y.	55.1	55.6	56.6	57.1	57.3	60.8	63.3	66.8	69.9	72.6
Cincinnati, Ohio	49.0	48.9	50.0	49.3	49.2	52.5	56.3	57.5	58.8	61.2
St. Louis, Mo.	49.0	47.8	47.6	48.7	48.8	53.6	57.8	63.0	66.3	71.0
Fargo, N. Dak.	48.0	43.0	42.2	41.0	43.0	46.2	49.7	54.1	55.3	56.8
Winston-Salem, N.C.	53.0	53.2	54.0	54.8	55.3	56.5	59.0	59.0	62.4	63.3
Atlanta, Ga.	53.0	53.0	53.0	54.5	56.7	57.7	61.0	61.0	62.8	66.0
Miami, Fla.	57.0	57.0	56.1	59.0	59.0	60.7	61.3	61.5	65.8	64.8
Memphis, Tenn.	45.7	46.7	47.0	45.7	47.0	49.2	52.8	55.5	58.3	62.8
Birmingham, Ala.	54.2	55.0	55.0	54.0	54.4	55.0	57.9	59.0	61.5	62.2
Oklahoma City, Okla.	50.0	48.8	50.3	52.9	53.4	54.7	57.2	59.8	61.2	63.2
Houston, Tex.	53.5	51.0	49.8	50.4	51.3	54.6	58.3	62.0	67.2	69.0
Phoenix, Ariz.	52.0	48.0	44.5	46.8	43.9	50.4	55.0	55.8	57.7	58.2

<sup>1</sup> Grade and kind of container may differ by market.

<sup>2</sup> New York City plus Nassau, Suffolk, and Westchester counties.

<sup>3</sup> Not available prior to 1964.

<sup>4</sup> Simple averages; averages for 23 cities prior to 1964.

Statistical Reporting Service.



Table 567.—Fluid whole milk, prevailing price paid by consumers for the most common grade: <sup>1</sup> Average per half gallon sold out of stores in specified cities, 1961-70

City	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents	Cents
Boston, Mass.	44.9	43.6	44.2	45.0	45.0	47.7	47.8	49.6	53.0	56.5
Hartford, Conn.	43.7	45.5	47.1	47.4	48.1	50.1	50.0	52.1	54.7	55.9
New York Metropolitan <sup>2</sup>	52.7	53.2	50.6	47.3	48.3	50.7	51.1	52.3	55.6	60.5
Philadelphia, Pa.	47.9	47.0	49.3	49.3	50.5	53.8	55.1	58.3	61.8	64.0
Pittsburgh, Pa.	50.5	49.5	49.3	49.0	48.5	50.7	53.0	55.5	58.5	62.0
Cleveland, Ohio	42.0	41.2	39.7	38.3	37.7	43.2	47.7	50.8	51.0	53.3
Indianapolis, Ind.	41.0	40.2	40.0	39.9	38.5	41.8	47.1	48.0	50.0	54.0
Chicago, Ill.	46.2	46.3	47.0	47.0	47.0	50.2	54.8	58.8	59.7	56.2
Detroit, Mich.	44.0	40.4	38.0	37.3	35.9	41.6	46.0	50.3	52.5	53.1
Milwaukee, Wis.	40.1	39.6	39.1	39.1	39.6	43.3	42.2	45.3	50.3	50.3
Minneapolis, Minn.	34.8	35.0	34.3	35.0	35.4	39.6	38.8	40.5	41.0	48.6
Kansas City, Mo.	41.3	41.8	39.8	41.2	43.7	45.4	45.5	48.2	52.8	57.1
Omaha, Nebr.	47.0	47.0	47.0	47.0	47.0	47.4	44.5	48.3	50.2	55.0
Baltimore, Md.	49.6	51.0	50.3	51.7	53.2	57.2	53.2	54.4	57.2	61.4
Washington, D.C.	44.0	45.6	46.2	48.0	49.0	52.6	51.0	52.6	55.4	59.0
Jacksonville, Fla.	56.0	56.2	56.0	57.1	58.0	60.8	64.3	63.3	63.6	66.1
Louisville, Ky.	44.9	43.6	44.0	44.8	45.4	49.3	49.3	51.4	54.2	58.0
New Orleans, La.	47.4	45.5	50.4	52.2	53.0	54.8	59.0	59.8	61.7	63.0
Dallas, Tex.	42.9	43.7	44.5	46.4	47.2	54.0	57.7	60.0	61.2	62.8
Denver, Colo.	47.0	42.8	46.1	48.9	43.0	48.4	49.0	47.8	50.2	54.0
Salt Lake City, Utah	48.0	49.0	49.0	49.0	49.0	51.7	53.0	53.3	55.0	59.7
Seattle, Wash.	49.0	48.4	47.2	47.3	47.5	48.8	51.0	53.0	56.0	57.6
Portland, Ore.	47.1	48.2	49.5	50.4	50.0	54.4	55.8	55.5	58.0	61.3
Los Angeles, Calif.	45.1	46.0	47.0	47.0	47.0	47.9	48.6	49.3	49.0	51.3
San Francisco, Calif.	48.2	49.5	50.0	50.0	48.3	48.6	49.8	51.0	50.7	52.5
Average, 25 cities <sup>3</sup>	45.8	45.6	45.8	46.2	46.2	49.4	50.7	52.4	54.5	57.3
Buffalo, N.Y.	48.3	49.7	51.0	48.3	46.3	49.2	51.8	54.2	58.9	62.3
Cincinnati, Ohio	47.1	47.4	48.0	46.8	44.5	45.7	51.0	51.6	47.7	46.9
St. Louis, Mo.	42.6	42.3	41.7	42.6	44.0	49.3	49.7	52.9	52.2	37.3
Fargo, N.D.	41.5	41.5	42.2	41.6	42.5	45.8	49.2	53.6	54.9	55.8
Winston-Salem, N.C.	53.0	53.3	55.0	53.0	53.0	56.8	59.0	56.2	61.4	63.3
Atlanta, Ga.	55.0	55.0	54.3	53.0	54.7	55.7	59.0	59.5	63.8	68.3
Miami, Fla.	53.0	53.0	52.3	61.0	61.0	63.1	59.8	64.0	66.0	61.8
Memphis, Tenn.	40.6	39.5	39.6	37.3	39.0	46.5	50.2	52.6	55.5	59.5
Birmingham, Ala.	54.2	55.0	55.0	54.0	54.4	55.0	56.9	57.5	58.4	59.1
Oklahoma City, Okla.	48.0	46.8	48.7	51.0	51.5	53.8	55.0	58.0	59.2	61.1
Houston, Tex.	44.3	44.5	44.8	46.8	47.4	52.6	54.7	57.2	62.8	62.0
Phoenix, Ariz.	48.5	42.2	40.6	43.3	42.1	48.3	52.6	51.7	51.5	53.8

<sup>1</sup> Grade and kind of container may differ by market.<sup>2</sup> New York City plus Nassau, Suffolk, and Westchester counties.<sup>3</sup> Simple averages.

Statistical Reporting Service.

Table 568.—Milk cows, milk, and fat in cream: Average prices received by farmers, United States, 1961-70

Year	Milk cows, per head <sup>1</sup>	Milk per 100 pounds <sup>2</sup>						Milkfat in cream, per pound <sup>4</sup>
		Eligible for fluid market <sup>3</sup>		Of manufacturing grade		All milk wholesale		
		Price per 100 lbs.	Fat test	Price per 100 lbs.	Fat test	Price per 100 lbs.	Fat test	
	<i>Dollars</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Cents</i>
1961.....	224.00	4.65	3.73	3.36	3.75	4.22	3.74	61.5
1962.....	221.00	4.54	3.73	3.20	3.75	4.09	3.74	59.4
1963.....	215.00	4.53	3.72	3.21	3.71	4.10	3.72	59.5
1964.....	209.00	4.58	3.71	3.26	3.70	4.15	3.71	60.2
1965.....	212.00	4.63	3.71	3.34	3.70	4.23	3.70	61.1
1966.....	246.00	5.17	3.70	3.97	3.69	4.81	3.69	67.2
1967.....	290.00	5.43	3.69	4.06	3.68	5.02	3.69	68.2
1968.....	274.00	5.67	3.67	4.22	3.67	5.24	3.67	68.4
1969.....	300.00	5.87	3.68	4.45	3.67	5.49	3.67	68.9
1970 <sup>5</sup> .....	332.00	6.06	3.67	4.70	3.65	5.71	3.66	69.8

Prices paid by plants for manufacturing grade milk of average fat test for specific purposes <sup>6</sup>								
Year	Milk for evaporated milk <sup>7</sup>		Milk for butter and byproducts		Milk for cheese			
					American cheese		All cheese	
	Price per 100 lbs.	Fat test	Price per 100 lbs.	Fat test	Price per 100 lbs.	Fat test	Price per 100 lbs.	Fat test
	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>	<i>Dollars</i>	<i>Percent</i>
1961.....	3.45	3.97	3.37	3.69	3.35	3.82	3.35	3.79
1962.....	3.28	3.96	3.24	3.71	3.21	3.82	3.20	3.78
1963.....	3.31	3.95	3.21	3.68	3.24	3.77	3.25	3.75
1964.....	3.37	3.92	3.26	3.66	3.28	3.76	3.29	3.73
1965.....	3.41	3.90	3.34	3.67	3.36	3.76	3.39	3.74
1966.....	3.98	3.88	3.90	3.68	4.03	3.75	4.04	3.73
1967.....	4.10	3.87	4.08	3.69	4.06	3.74	4.05	3.73
1968.....	4.21	3.83	4.25	3.68	4.22	3.73	4.23	3.73
1969.....	4.41	3.82	4.42	3.67	4.51	3.72	4.54	3.72
1970 <sup>5</sup> .....	4.56	3.82	4.66	3.69	4.74	3.70	4.79	3.70

<sup>1</sup> Simple average of monthly prices, by States, weighted by the number of milk cows on farms Jan. 1 of the current year.

<sup>2</sup> Average price at average fat test for all milk sold at wholesale to plants and dealers, based on reports from milk market administrators, cooperative milk-marketing associations, whole-milk distributors, and milk-products manufacturing plants, f.o.b. plant or receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

<sup>3</sup> Milk eligible for fluid market, including surplus diverted to manufacturing.

<sup>4</sup> Weighted average of monthly prices, by States, weighted by the estimated quantity of fat sold.

<sup>5</sup> Preliminary.

<sup>6</sup> Monthly average prices and tests weighted by estimated production in each month. Price f.o.b. factory or local receiving station (whichever is the customary place for determining prices) before hauling costs are deducted and including all premiums.

<sup>7</sup> Includes milk for canned condensed milk.

Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 564.

**Table 569.—Fluid milk: Prices paid by dealers per hundredweight for milk used in fluid products (3.5 percent milkfat basis), by regions, 1961-70<sup>1</sup>**

Year	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific	United States
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1961.....	5.94	5.98	4.62	4.35	6.00	5.34	5.56	5.45	5.34	5.42
1962.....	5.96	5.89	4.57	4.29	5.94	5.27	5.33	5.24	5.35	5.35
1963.....	6.00	5.80	4.48	4.26	5.88	5.34	5.45	5.25	5.31	5.31
1964.....	6.02	5.82	4.52	4.33	5.91	5.43	5.55	5.33	5.32	5.35
1965.....	5.95	5.83	4.58	4.39	5.94	5.49	5.54	5.37	5.34	5.39
1966.....	6.46	6.20	5.22	5.11	6.31	5.90	6.24	5.98	5.47	5.82
1967.....	6.79	6.30	5.68	5.45	6.69	6.30	6.69	6.22	5.65	6.20
1968.....	7.04	6.68	6.01	5.89	6.88	6.56	7.14	6.50	5.86	6.51
1969.....	7.37	7.03	6.22	6.08	7.14	6.76	7.33	6.65	5.98	6.72
1970 <sup>2</sup> .....	7.62	7.28	6.42	6.37	7.38	6.99	7.57	6.93	6.12	6.94

<sup>1</sup> Regional and U.S. averages based on prices for individual markets weighted by population. Prices for Federal Order Markets include prevailing premiums above minimum Class I prices, as reported by principal producers' associations. Prices in this table do not represent returns to producers. U.S. average prices received by producers for milk eligible for fluid market are shown in table 568.

<sup>2</sup> Preliminary.

Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 571.

**Table 570.—Milk: Average price per hundredweight paid producers by condenseries for milk of actual milkfat content, to be used primarily for evaporated milk, by geographic divisions, 1961-70<sup>1</sup>**

Year	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	North-western <sup>2</sup>	South-western <sup>2</sup>	United States
	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1961.....	3.25	3.46	3.44	3.54	3.52	3.51	3.44	3.45
1962.....	3.14	3.35	3.24	3.40	3.40	3.19	3.25	3.28
1963.....	3.24	3.36	3.27	3.40	3.43	3.26	3.29	3.31
1964.....	3.31	3.42	3.31	3.45	3.44	3.27	3.49	3.37
1965.....	3.41	3.43	3.36	3.52	3.45	3.37	3.56	3.41
1966.....	4.00	4.03	4.09	4.02	3.99	3.83	3.99	3.98
1967.....	4.11	4.20	4.18	4.04	4.08	3.98	4.11	4.10
1968.....	4.35	4.28	4.32	4.14	4.16	4.05	4.24	4.21
1969.....	4.43	4.41	4.51	4.41	4.33	4.36	4.42	4.41
1970 <sup>3</sup> .....	4.62	4.50	4.61	4.68	4.44	4.71	4.60	4.56

<sup>1</sup> All prices are f.o.b. factory. Geographic division prices are straight averages of monthly prices. U.S. prices represent weighted average prices of milk used for evaporated milk.

<sup>2</sup> Montana, Wyoming, Idaho, Washington, and Oregon.

<sup>3</sup> Colorado, New Mexico, Arizona, Nevada, Utah, and California.

<sup>4</sup> Preliminary.

Statistical Reporting Service. Data for 1948-60 in *Agricultural Statistics, 1967*, table 572.

## DAIRY PRODUCTS

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Table 571.—Dairy products: Factory production of specified items, by States, 1967-69

State and division	Creamery butter (including whey butter)			Total American cheese <sup>1</sup>			Total cheese <sup>2</sup>		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Maine	79	77	64						
New Hampshire									
Vermont	6,915	4,906	9,417	8,980	9,558	12,163	24,035	25,085	30,877
Massachusetts							5,182	5,848	5,545
Rhode Island									
Connecticut							831	817	
New York	50,818	32,343	45,406	40,884	37,745	41,738	134,101	133,140	145,505
New Jersey							5,572	6,386	6,290
Pennsylvania	15,824	16,236	23,890		405	470	20,871	18,346	21,981
North Atlantic <sup>4</sup>	73,706	58,611	78,884	50,092	47,710	54,371	191,125	190,214	211,635
Ohio	18,760	17,857	18,516	12,535	9,815	9,739	47,456	41,316	40,025
Indiana	21,962	20,078	20,054	18,581	16,594	15,738	27,205	24,803	24,291
Illinois	26,801	26,991	25,592	13,298	11,937	11,477	86,643	82,687	80,896
Michigan	31,859	25,908	28,382	20,866	18,485	16,104	31,960	30,123	28,749
Wisconsin	254,835	225,518	207,528	580,650	586,525	579,972	828,976	847,007	806,593
East North Central	354,217	316,352	300,072	645,930	643,346	633,030	1,022,270	1,025,936	1,040,587
Minnesota	316,575	330,136	313,526	88,631	91,881	104,656	100,094	111,188	130,721
Iowa	127,198	115,905	90,262	76,202	72,017	66,892	87,890	93,294	94,244
Missouri	32,907	29,999	26,561	99,158	93,192	81,327	118,506	105,386	90,435
North Dakota	31,295	29,871	25,529	27,329	32,449	34,119	27,329	32,449	34,119
South Dakota	35,411	36,545	25,779	32,329	35,759	36,357	39,848	44,694	45,489
Nebraska	42,496	39,391	32,849	17,501	22,480	22,001	20,882	26,080	25,552
Kansas	20,521	19,031	15,275	21,158	22,653	23,644	21,158	22,717	23,724
West North Central	606,403	600,938	538,781	362,308	370,437	370,995	415,707	435,758	444,284
District of Columbia									
Delaware									
Maryland	6,443								
Virginia	2,362	1,867							
West Virginia									
North Carolina									
South Carolina									
Georgia	210	153	195						
Florida									
South Atlantic <sup>4</sup>	9,498	9,394	16,826	7,346	6,032	6,585	7,354	6,043	6,593
Kentucky	17,796	15,209	15,600	57,511	56,595	55,156	59,765	58,715	57,707
Tennessee	13,593	11,441	12,207	36,875	38,855	37,202	48,468	49,896	49,255
Alabama				4,307	3,222	3,341	4,307	3,222	3,341
Mississippi	2,986	2,187	1,903	13,736	9,042	8,000	13,736	9,042	8,000
Arkansas				12,366	9,798	6,993	19,895	16,421	14,985
Louisiana	1,803	1,518	1,851	95	72	87	2,409	2,151	3,663
Oklahoma	19,591	17,850	17,678	5,972	6,498	5,836	5,973	6,500	5,836
Texas	6,244	5,650	4,851	8,702	11,243	10,470	8,702	11,243	10,470
South Central	64,960	56,197	55,955	139,564	135,325	127,085	163,255	157,190	153,257
Montana	3,106	3,043	2,655	2,931	2,991	2,684	3,711	3,903	3,678
Idaho	24,455	26,391	23,521	32,528	34,808	36,289	47,046	52,707	53,690
Wyoming	1,645	1,473	1,380			166	2,535		2,364
Colorado	5,466	5,663	6,097	993			4,464		
New Mexico									
Arizona	6,510	7,065	8,300	9,614	12,209	15,426	16,523	20,288	24,203
Utah									
Nevada	15,613	14,446	12,907	5,160	4,966	6,239	13,689	13,475	15,520
Washington	10,466	12,672	12,170	17,188	12,991	10,942	17,507	13,589	11,561
Oregon	46,499	55,624	60,790	2,356	2,564	2,616	13,473	12,481	13,675
California									
Western <sup>4</sup>	116,165	128,337	130,599	71,099	70,966	74,362	119,119	123,067	129,568
United States	1,224,949	1,164,829	1,121,087	1,276,339	1,273,816	1,266,428	1,918,830	1,938,208	1,985,894

See footnotes at end of table.

Table 571.—Dairy products: Factory production of specified items, by States, 1967-69—Continued

State and division	Evaporated whole milk (case goods)			Nonfat dry milk			Total ice cream		
	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>	1967	1968	1969 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 gallons	1,000 gallons	1,000 gallons
Maine.....							3,757	4,106	4,246
New Hampshire.....							1,514	1,534	1,471
Vermont.....				19,660	19,975	22,559	358	354	165
Massachusetts.....							37,144	40,173	39,009
Rhode Island.....							1,987	2,132	1,933
Connecticut.....							11,534	12,131	14,750
New York.....				126,970	91,641	80,131	74,937	75,762	72,379
New Jersey.....							21,400	21,865	18,686
Pennsylvania.....	83,835	102,057	102,272	34,017	32,905	42,417	69,413	72,764	74,174
North Atlantic.....	* 162,270	* 184,613	* 211,050	* 192,351	* 156,337	* 159,573	221,744	230,841	227,413
Ohio.....	210,875	184,252	200,947	31,511	32,227	26,976	44,956	46,889	47,964
Indiana.....				10,180	9,369	10,353	26,822	26,581	24,340
Illinois.....							41,029	43,534	40,772
Michigan.....				40,105	30,089	29,113	33,752	36,527	36,027
Wisconsin.....	56,843	51,565		287,578	253,807	208,830	21,893	22,225	21,330
East North Central.....	* 345,021	* 314,279	* 310,921	* 369,374	* 325,492	* 275,272	168,452	175,756	170,433
Minnesota.....				557,214	562,126	513,541	24,002	25,277	27,163
Iowa.....				187,279	171,955	145,488	9,838	10,095	8,662
Missouri.....				19,691	14,029	11,545	15,907	16,454	18,790
North Dakota.....							2,836	2,911	3,064
South Dakota.....				48,978	52,283	41,769	1,593	1,518	1,094
Nebraska.....				43,468	44,933	37,395	10,400	10,111	10,202
Kansas.....				25,723	25,536	19,994	5,914	6,668	6,904
West North Central.....	* 101,713	* 103,689	* 108,249	* 882,353	* 870,862	* 769,732	70,490	73,034	75,789
District of Columbia.....							7,397	8,295	7,723
Delaware.....							5,207	5,158	2,295
Maryland.....							14,052	14,917	14,785
Virginia.....	76,648	66,208	55,648	5,528	4,161	4,444	10,479	9,810	10,359
West Virginia.....							5,618	3,724	3,751
North Carolina.....							17,563	18,224	18,920
South Carolina.....							5,547	5,279	5,466
Georgia.....							9,127	9,316	9,158
Florida.....							18,641	21,075	21,302
South Atlantic.....	* 185,215	* 177,628	* 182,634	* 19,411	* 21,526	* 28,245	93,631	95,798	93,759
Kentucky.....	189,994	150,802		7,874			5,654	5,788	5,739
Tennessee.....	111,185	71,349	81,228	12,206	10,230	13,396	14,678	15,318	15,105
Alabama.....							8,034	9,242	9,564
Mississippi.....				4,710	4,722	1,950	3,523	3,787	3,733
Arkansas.....							3,099	2,952	2,894
Louisiana.....							8,400	9,418	9,646
Oklahoma.....				13,017	15,797	12,208	5,848	6,156	6,234
Texas.....				18,066	13,238		26,948	27,788	28,978
South Central.....	* 393,371	* 306,007	* 327,063	* 59,932	* 52,186	* 40,634	76,244	80,449	81,893
Montana.....							2,124	2,012	1,854
Idaho.....				44,859	46,158	40,355	3,266	3,408	3,507
Wyoming.....									
Colorado.....							7,761	7,573	6,933
New Mexico.....							1,166	1,233	1,299
Arizona.....				6,488	8,622	11,184	4,232	4,288	4,688
Utah.....							4,520	4,569	4,462
Nevada.....							773	871	820
Washington.....				15,070	15,931	10,303	13,661	13,816	13,923
Oregon.....				7,121	9,223	7,984	6,693	6,700	6,574
California.....	140,350	139,800	134,403	65,542	74,744	72,852	67,651	69,806	70,034
Western.....	* 305,576	* 273,742	* 273,868	* 144,643	* 156,802	* 146,283	111,807	114,276	* 114,942
Alaska and Hawaii <sup>4</sup> .....							3,041	3,053	2,091
United States <sup>4</sup> .....	1,493,166	1,359,958	1,413,785	1,678,650	1,594,363	1,431,656	745,409	773,207	766,320

<sup>1</sup> Preliminary. <sup>2</sup> Includes colby, washed curd, high and low moisture jack, Monterey, and granular cheese.  
<sup>3</sup> Excluding full-skim American cheese and cottage, pot, and bakers' cheese. <sup>4</sup> Includes data for individual States which have less than 3 plants and are not shown separately. <sup>5</sup> Excludes States not shown separately.

Statistical Reporting Service.

Table 572.—Dairy products: Quantities manufactured, United States, 1962-69<sup>1</sup>

Product	1962	1963	1964	1965	1966	1967	1968	1969 <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Creamery butter.....	1,537,143	1,419,688	1,441,502	1,324,582	1,112,009	1,224,949	1,164,829	1,121,087
American cheese:								
Whole milk.....	1,094,487	1,108,351	1,157,311	1,158,285	1,220,337	1,276,339	1,273,816	1,266,428
Part skim.....	7,614	6,766	7,190	8,287	7,350	7,469	5,761	5,436
Full skim.....	4,193	4,422	3,927	3,431	5,583	4,600	3,547	3,526
Swiss cheese (including block).....	109,412	119,906	121,844	122,732	136,664	132,204	129,613	131,612
Munster cheese.....	23,346	24,019	28,820	30,742	29,852	29,434	28,913	32,481
Brick cheese.....	23,382	23,990	23,576	22,288	22,869	21,573	20,921	20,849
Limburger cheese.....	8,616	3,255	2,876	2,959	3,182	2,503	2,710	2,935
Cream and Neufchatel cheese.....	121,688	115,415	120,184	122,709	116,384	121,654	118,859	120,387
Blue mold cheese.....	14,507	15,416	16,835	19,000	20,198	18,373	19,375	21,632
All Italian varieties of cheese.....	172,002	192,228	219,718	244,470	271,119	284,456	314,855	360,541
All other varieties of cheese.....	21,968	22,471	25,282	23,984	26,047	24,625	23,385	24,193
Total of all cheese <sup>3</sup> .....	1,592,022	1,631,817	1,723,636	1,755,456	1,854,002	1,918,830	1,938,208	1,985,894
Cottage cheese:								
Curd <sup>4</sup> .....	590,072	603,369	622,790	629,757	623,469	625,708	649,266	673,258
Creamed <sup>4</sup> .....	783,721	800,222	831,795	837,357	834,004	841,104	866,322	908,355
Partially creamed <sup>4</sup> .....	28,516	27,473	30,044	26,810	27,007	26,888	34,727	43,153
Condensed milk (sweetened):								
Case goods:								
Unskimmed.....	74,062	78,966	94,623	95,948	128,597	64,376	87,428	84,902
Bulk goods:								
Skimmed.....	56,742	55,837	57,927	53,551	60,538	62,505	69,254	74,529
Unskimmed.....	51,347	58,704	59,568	64,484	65,154	63,562	67,270	62,419
Unsweetened condensed milk (plain condensed):								
Bulk goods:								
Skimmed.....	817,613	779,133	831,372	903,168	966,852	871,925	857,043	918,754
Unskimmed.....	354,419	334,012	352,579	324,363	293,450	264,644	284,991	239,590
Evaporated milk (unsweetened) case goods:								
Skimmed.....	11,747	11,365	10,393	10,405	10,481	49,994	22,108	24,633
Unskimmed.....	1,928,834	1,897,278	1,888,060	1,692,974	1,709,264	1,493,166	1,359,958	1,413,785
Concentrated skim milk (for animal feed).....	( <sup>5</sup> )	( <sup>5</sup> )						
Condensed or evaporated buttermilk.....	4,748	6,017	5,245	2,184	2,015	3,054	1,342	392
Dry buttermilk.....	86,375	87,516	92,035	87,442	76,193	72,631	70,388	66,089
Dry whole milk.....	86,117	91,015	87,622	88,622	94,350	74,348	79,821	66,080
Nonfat dry milk.....	2,230,269	2,106,058	2,177,189	1,988,508	1,579,840	1,678,650	1,594,363	1,431,656
Dry skim milk (animal feed).....	30,474	23,623	21,967	24,614	26,117	30,329	26,997	14,407
Dry cream.....	659	1,018	1,121	982	328	( <sup>5</sup> )	778	546
Dry casein (skim milk or butter- milk product).....	284,845	316,923	371,947	404,301	470,931	492,815	495,173	502,533
Malted milk powder.....	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )	( <sup>5</sup> )
	23,111	22,495	22,369	22,184	22,904	15,197	20,354	18,636
Ice Cream:								
Total manufactured.....	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
	704,428	717,597	738,743	757,000	751,159	745,409	773,207	766,320
Sherbet (does not include water ices).....	40,651	42,170	44,008	45,449	47,471	45,993	49,233	52,413
Ice milk <sup>6</sup> .....	188,140	203,348	217,722	230,992	240,034	248,800	259,896	275,043

<sup>1</sup> Includes Alaska and Hawaii.<sup>2</sup> Preliminary.<sup>3</sup> Excludes full-skim American cheese and cottage, pot, and bakers' cheese.<sup>4</sup> Cottage cheese curd includes pot and bakers' cheese. Creamed cottage cheese contains not less than 4 percent milkfat, whereas partially creamed cottage cheese contains less than 4 percent milkfat and is not legal in interstate commerce and in many States. Cottage cheese curd and creamed or partially creamed cottage cheese should not be added together to obtain a total cottage cheese figure. While a small quantity of cottage cheese curd is sold direct for consumption without further processing, a considerable part is creamed within the plant or shipped to another plant where creaming mixture is added prior to sale.<sup>5</sup> Less than 3 plants reporting.<sup>6</sup> Includes freezer-made milkshake in most States.

Statistical Reporting Service.



Table 573.—Mellorine-type frozen desserts: Production by States, United States totals, 1960-69

Year	Ala- bama	Ari- zona	Ar- kansas	Cal- ifornia	Illino- is	Louis- iana	Mis- souri	Mon- tana	Okla- homa	Ore- gon	South Caro- lina	Texas	United States <sup>1</sup>
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons
1960.....	448	318	922	10,774	2,722	708	3,236	319	2,779	734	163	21,350	45,214
1961.....	445	487	971	12,846	2,382	945	3,036	316	2,801	736	188	22,166	48,025
1962.....	439	482	1,011	14,050	2,074	1,149	3,160	308	3,028	687	179	23,497	50,594
1963.....	317	688	1,223	14,463	2,088	1,238	2,781	301	2,991	713	255	23,130	50,677
1964.....	228	855	1,390	15,109	2,099	1,038	2,508	300	2,841	863	177	23,306	51,378
1965.....	192	1,075	1,302	15,619	1,957	1,501	2,569	313	2,698	1,002	.....	24,192	53,169
1966.....	160	1,032	1,569	15,550	1,888	1,395	2,144	339	2,622	850	.....	23,257	51,555
1967.....	139	1,194	1,714	16,099	2,089	1,331	1,952	382	2,778	999	.....	23,692	53,683
1968.....	147	1,055	1,355	15,509	3,401	1,351	2,206	503	2,629	1,013	.....	23,526	55,829
1969 <sup>2</sup> .....	449	1,022	1,454	14,347	3,961	1,214	2,968	491	2,664	976	.....	23,176	55,608

<sup>1</sup> Includes several minor producing States which are not shown separately.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1952-59 in *Agricultural Statistics, 1967*, table 575.

Table 574.—Dairy products: Manufacturers' average selling price of specified products, United States, 1961-70

Year	Unsweetened evaporated milk per case of 48 14½-ounce cans, f.o.b. factory	Nonfat dry milk for human food, per pound, f.o.b. factory	Dry skim milk for animal feed, per pound f.o.b. factory	Dry whole milk, per pound, f.o.b. factory <sup>1</sup>
	Dollars	Cents	Cents	Cents
1961.....	6.30	15.45	10.75	36.74
1962.....	6.11	14.79	10.88	34.76
1963.....	6.01	14.43	10.59	36.08
1964.....	5.99	14.62	10.44	33.84
1965.....	6.09	14.66	11.72	34.00
1966.....	6.73	18.19	14.47	39.90
1967.....	7.05	19.92	15.01	40.63
1968.....	7.26	22.36	17.01	43.60
1969.....	7.50	23.50	16.75	43.82
1970 <sup>2</sup> .....	7.98	26.30	16.30	45.76

<sup>1</sup> Includes milk sold in bulk and in package.<sup>2</sup> Preliminary.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 576.

Table 575.—Dairy products: Manufacturers' stocks, end of month, United States, 1969 and 1970

Month	Evaporated and sweetened condensed whole milk (case goods)		Dry whole milk		Nonfat dry milk (human food)	
	1969	1970	1969	1970	1969	1970
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	59,595	96,602	8,184	5,830	71,563	83,081
February.....	43,143	85,080	7,511	5,589	68,171	80,775
March.....	57,195	88,449	6,188	4,704	64,128	81,152
April.....	86,412	79,609	4,938	5,145	78,622	102,024
May.....	129,067	130,244	6,691	6,604	112,091	142,604
June.....	153,328	173,233	8,025	7,979	140,955	161,657
July.....	191,824	192,666	9,367	9,610	154,372	163,857
August.....	215,076	195,862	8,175	9,435	150,890	166,131
September.....	197,564	187,427	7,137	8,633	130,529	143,970
October.....	150,649	179,957	6,729	6,634	107,935	122,152
November.....	115,761	147,508	5,652	4,781	90,163	104,551
December.....	106,854	115,733	6,576	4,706	83,913	98,462

Statistical Reporting Service.

Table 576.—Dairy products: Cold-storage holdings, first of month, United States, 1969 and 1970

Month	Creamery butter		American cheese		Swiss cheese		Total natural cheese <sup>1</sup>	
	1969	1970	1969	1970	1969	1970	1969	1970
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	117,355	88,636	318,676	265,438	16,054	10,313	380,963	317,535
February.....	104,506	77,359	297,255	249,614	14,561	9,984	358,510	298,024
March.....	115,135	81,261	271,485	238,020	12,659	10,074	328,917	285,672
April.....	121,356	91,106	260,180	238,899	11,764	10,472	315,053	286,192
May.....	134,462	114,194	259,948	237,675	11,974	9,657	316,106	308,908
June.....	162,636	146,655	280,659	281,548	11,074	10,097	337,478	338,342
July.....	195,330	185,971	307,021	313,200	11,562	9,835	366,081	368,256
August.....	197,956	203,543	326,407	324,363	10,935	10,389	387,109	385,343
September.....	185,586	198,035	325,892	309,368	11,880	10,515	386,219	372,235
October.....	155,316	171,270	309,034	289,179	12,590	10,744	369,468	351,034
November.....	125,159	147,465	294,641	264,762	10,034	10,984	350,904	336,290
December.....	104,329	134,262	274,782	254,817	9,337	11,736	328,691	329,756

<sup>1</sup> Includes American, Swiss, and other types of natural cheese.

Statistical Reporting Service.

Table 577.—Dairy products: Jan. 1 stocks, United States, 1962-71

Year	Butter <sup>1</sup>	Cheese <sup>1,2</sup>	Evaporated milk (cane goods) <sup>3</sup>	Condensed milk (cane goods) <sup>4</sup>	Dry whole milk	Nonfat dry milk for human consumption <sup>5</sup>	Cream (milk equivalent)
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	Million pounds
1962.....	224,820	472,935	225,061	5,604	7,307	487,460	91
1963.....	318,663	422,079	141,381	4,479	5,119	674,965	73
1964.....	206,963	340,701	131,659	5,768	5,274	486,171	53
1965.....	66,499	325,952	185,307	6,916	6,968	174,276	89
1966.....	52,096	308,562	134,755	5,924	5,000	154,402	83
1967.....	32,298	372,668	192,874	11,578	6,932	118,225	138
1968.....	168,613	429,389	190,245	5,780	8,116	256,208	96
1969.....	117,355	404,984	104,769	2,122	7,563	277,763	72
1970.....	88,636	317,566	<sup>1</sup> 149,739		6,576	221,700	93
1971 <sup>6</sup> .....	118,772	324,500	<sup>2</sup> 115,823		4,706	143,935	-----

<sup>1</sup> Includes Government holdings. <sup>2</sup> Excludes cottage and full-skim American cheese. <sup>3</sup> Beginning 1968, includes process American cheese held by CCC. <sup>4</sup> Beginning 1969, includes stock held by CCC. <sup>5</sup> Sweetened condensed milk, unskimmed. <sup>6</sup> Total canned milk; data no longer shown separately. <sup>7</sup> Preliminary.Economic Research Service. Data for 1940-61 in *Agricultural Statistics, 1967*, table 579.Table 578.—Fluid milk and cream: Total disappearance, and total and per capita civilian consumption, United States, 1954-70<sup>1</sup>

Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption		Year	Total disappearance	Civilian consumption	
		Total	Per capita			Total	Per capita			Total	Per capita
		Billion pounds	Pounds			Billion pounds	Pounds			Billion pounds	Pounds
1954.....	56.2	55.0	346	1960.....	58.3	57.3	322	1966.....	58.5	57.4	297
1955.....	57.5	56.4	348	1961.....	57.4	56.4	312	1967.....	56.9	55.7	285
1956.....	58.7	57.6	348	1962.....	56.7	56.6	308	1968.....	56.4	55.2	280
1957.....	59.1	58.0	344	1963.....	58.4	57.3	307	1969.....	55.2	54.1	272
1958.....	58.8	57.8	337	1964.....	58.6	57.5	304	1970 <sup>2</sup> .....	54.2	53.1	264
1959.....	58.5	57.5	330	1965.....	58.8	57.8	302				

<sup>1</sup> Milk equivalent of all fluid items—whole milk, low-fat fluid items, and cream—at the average annual fat test of milk produced. Civilian consumption is total consumption less military takings. Per capita consumption is based on the number of persons eating from civilian supplies. <sup>2</sup> Preliminary.Economic Research Service. Data for 1950-53 in *Agricultural Statistics, 1968*, table 574.

Table 579.—Dairy products: Total disappearance, and total and per capita civilian consumption, United States, 1954-70 <sup>1</sup>

Year	Butter <sup>2</sup>			Cheese <sup>3</sup>			Condensed and evaporated milk <sup>4</sup>		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1954.....	1,532	1,411	8.9	1,316	1,262	7.9	2,909	2,680	16.8
1955.....	1,762	1,461	9.0	1,449	1,281	7.9	2,911	2,626	16.2
1956.....	1,694	1,440	8.7	1,520	1,323	8.0	2,939	2,626	15.8
1957.....	1,474	1,406	8.3	1,489	1,297	7.7	2,883	2,592	15.4
1958.....	1,506	1,417	8.3	1,572	1,394	8.1	2,781	2,538	14.8
1959.....	1,451	1,371	7.9	1,436	1,404	8.0	2,706	2,501	14.4
1960.....	1,393	1,333	7.5	1,512	1,489	8.3	2,674	2,447	13.7
1961.....	1,390	1,335	7.4	1,571	1,544	8.6	2,628	2,399	13.3
1962.....	1,447	1,341	7.3	1,719	1,676	9.2	2,493	2,289	12.5
1963.....	1,544	1,279	6.9	1,778	1,719	9.2	2,378	2,170	11.6
1964.....	1,671	1,297	6.9	1,824	1,782	9.4	2,342	2,157	11.5
1965.....	1,367	1,232	6.4	1,864	1,826	9.5	2,231	2,040	10.6
1966.....	1,150	1,098	5.7	1,925	1,889	9.8	2,136	1,882	9.7
1967.....	1,104	1,076	5.5	2,014	1,969	10.1	1,900	1,757	9.0
1968.....	1,228	1,115	5.7	2,133	2,083	10.6	1,899	1,745	8.9
1969.....	1,159	1,082	5.4	2,218	2,178	10.9	1,761	1,590	8.0
1970 <sup>5</sup> .....	1,113	1,059	5.3	2,356	2,318	11.5	1,613	1,494	7.4

  

Year	Ice cream (product weight)			Dry whole milk			Nonfat dry milk (human food)		
	Total disappearance	Civilian consumption		Total disappearance	Civilian consumption		Total disappearance	Civilian consumption	
		Total	Per capita		Total	Per capita		Total	Per capita
	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds	Million pounds	Million pounds	Pounds
1954.....	2,865	2,771	17.4	95	29	0.18	1,551	716	4.5
1955.....	3,017	2,917	18.0	107	40	.25	1,442	889	5.5
1956.....	3,078	2,978	18.0	108	49	.30	1,540	864	5.2
1957.....	3,123	3,023	18.0	105	37	.22	1,604	895	5.3
1958.....	3,159	3,059	17.8	91	48	.28	1,692	953	5.6
1959.....	3,355	3,260	18.7	90	49	.28	1,812	1,074	6.2
1960.....	3,358	3,263	18.3	97	55	.31	1,593	1,106	6.2
1961.....	3,357	3,267	18.0	82	50	.28	1,918	1,128	6.2
1962.....	3,381	3,291	17.9	88	61	.33	2,043	1,119	6.1
1963.....	3,444	3,354	18.0	91	48	.26	2,296	1,087	5.8
1964.....	3,546	3,456	18.3	86	61	.32	2,492	1,119	5.9
1965.....	3,634	3,544	18.5	91	59	.31	2,010	1,169	5.6
1966.....	3,606	3,511	18.2	92	64	.33	1,619	1,152	5.9
1967.....	3,578	3,483	17.8	75	51	.26	1,541	1,085	5.6
1968.....	3,711	3,616	18.4	78	46	.23	1,575	1,140	5.8
1969.....	3,678	3,583	18.0	67	40	.20	1,490	1,128	5.7
1970 <sup>5</sup> .....	3,674	3,579	17.8	70	42	.21	1,611	1,157	5.7

<sup>1</sup> Total disappearance is based on production, imports, and change in stocks during the year. Production statistics for these commodities appear in other tables in this chapter. The total apparent civilian consumption was obtained by subtracting ending stocks, shipments, exports, and military takings from the total supply. The per capita civilian consumption for each year was obtained by dividing the total apparent civilian consumption by the number of persons eating out of civilian supplies.

<sup>2</sup> Includes both farm and factory-made butter.

<sup>3</sup> Includes all kinds of cheese except cottage and full-skim American.

<sup>4</sup> The evaporated milk is unskimmed, unsweetened, case goods. The condensed milk is unsweetened (plain condensed) unskimmed, bulk goods; and sweetened condensed milk, unskimmed, case and bulk goods.

<sup>5</sup> Preliminary.

Economic Research Service. Data for 1900-53 in *Agricultural Statistics, 1967*, table 581.

Table 580.—Butter, creamery: Average wholesale price per pound at New York and Chicago, 1961-70

Year	Grade A (92 score)		Year	Grade A (92 score)		Year	Grade A (92 score)	
	New York	Chicago		New York	Chicago		New York	Chicago
	Cents	Cents		Cents	Cents		Cents	Cents
1961.....	61.2	60.5	1965.....	61.0	60.2	1969.....	68.53	67.66
1962.....	59.4	58.6	1966.....	67.2	(1)	1970.....	70.43	69.43
1963.....	59.0	58.2	1967.....	67.5	66.7			
1964.....	59.9	59.0	1968.....	67.78	66.92			

<sup>1</sup> Not computed because of insufficient monthly average price data.

Consumer and Marketing Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 582.

Table 581.—Butter: Production in specified countries, average 1961-65, annual 1968 and 1969

Continent and country	Average 1961-65		1968		1969 <sup>1</sup>	
	Factory	Total	Factory	Total	Factory	Total
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
North America:						
Canada.....	351	357	339	350	350	353
United States.....	1,441	1,476	1,165	1,175	1,121	1,129
South America:						
Argentina <sup>2</sup> .....	111	111	87	87	77	77
Brazil <sup>2</sup> .....	(3)	(5)	135	135	137	137
Chile.....	11	14	12	17	13	17
Peru.....		7		13		13
Venezuela <sup>2</sup> .....	8	8	11	11	12	12
Europe:						
Austria.....	75	89	94	107	91	104
Belgium.....	119	181	168	212	162	206
Denmark.....	357	357	353	353	319	319
Finland.....	215	220	222	225	220	223
France.....	736	945	1,102	1,268	1,045	1,199
Germany, West.....	1,015	1,064	1,154	1,184	1,124	1,151
Greece <sup>2</sup> .....		27		16		17
Ireland.....	116	138	162	172	165	173
Italy.....		136		126		116
Luxembourg <sup>2</sup> .....	11	11	15	15	15	15
Netherlands.....	214	214	260	260	247	247
Norway.....	39	44	48	52	47	51
Portugal.....	4	5	12	12	12	12
Sweden.....	184	185	146	146	139	139
Switzerland <sup>2</sup> .....	73	73	82	82	70	70
United Kingdom.....	95	105	115	122	125	132
Bulgaria <sup>2</sup> .....	24	24	33	33	32	32
Czechoslovakia <sup>2</sup> .....	164	164	198	198	192	192
Germany, East.....		387		485		474
Hungary <sup>2</sup> .....	37	37	47	47	47	47
Poland <sup>2</sup> .....	203	203	273	273	259	259
Romania <sup>2</sup> .....	38	38	63	63	68	68
U.S.S.R.....	1,899	2,140	2,302	2,569	2,103	2,370
Africa:						
South Africa, Republic of <sup>2</sup> .....	96	98	116	118	122	124
Oceania:						
Australia.....	450	455	424	426	474	476
New Zealand.....	505	512	541	541	603	603
Total.....	8,591	9,825	9,676	10,882	9,391	10,557

<sup>1</sup> Preliminary.

<sup>2</sup> Creamery butter only.

<sup>3</sup> Data comparable with 1968 and 1969 not available.

<sup>4</sup> Made from the milk of cows and other animals.

<sup>5</sup> Years ending Sept. 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 582.—Cheese, cheddar: Average wholesale price per pound, Wisconsin, New York, and Chicago, 1961-70

Year	Wisconsin Primary Markets: cheddars <sup>1</sup>	New York: No. 1 fresh single daisies	Chicago: No. 1 fresh single daisies	Year	Wisconsin Primary Markets: cheddars <sup>1</sup>	New York: No. 1 fresh single daisies	Chicago: No. 1 fresh single daisies
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>		<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1961.....	37.2	42.4	40.9	1966.....	45.9	52.3	52.7
1962.....	( <sup>2</sup> )	41.5	40.0	1967.....	45.1	52.3	52.1
1963.....	36.6	41.9	42.6	1968.....	47.3	55.0	54.8
1964.....	37.6	42.6	43.4	1969.....	51.50	60.26	59.67
1965.....	38.3	43.4	45.0	1970.....	54.68	63.68	64.87

<sup>1</sup> Wisconsin prices are carlot and trucklot prices paid f.o.b. Wisconsin assembly points. New York and Chicago prices are wholesale prices of less than carlot.

<sup>2</sup> Insufficient prices to compute annual average.

Consumer Marketing Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 584.

Table 583.—Cheese: <sup>1</sup> Production in specified countries, average 1961-65, annual 1968 and 1969 <sup>2</sup>

Continent and country	Average 1961-65		1968		1969 <sup>3</sup>	
	Factory	Total	Factory	Total	Factory	Total
	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>	<i>Million pounds</i>
North America:						
Canada.....	152	152	199	200	207	207
United States.....	1,667	1,667	1,938	1,938	1,986	1,986
South America:						
Argentina.....	310	310	392	392	396	396
Brazil.....	( <sup>4</sup> )	( <sup>4</sup> )	266	266	268	268
Chile.....	16	31	25	30	28	34
Peru.....		50		51		49
Europe:						
Austria.....	63	67	85	89	90	94
Belgium.....	62	65	66	68	66	71
Denmark.....	263	263	233	233	240	240
Finland.....	75	75	74	74	77	77
France <sup>4</sup> .....	1,137	1,200	1,529	1,573	1,605	1,658
Germany, West.....	313	313	387	387	415	415
Greece <sup>4</sup> .....		183		274		286
Ireland.....	24	24	63	63	63	63
Italy <sup>4</sup> .....		920		855		860
Netherlands.....	457	497	536	559	581	606
Norway <sup>4</sup> .....	93	93	101	101	106	106
Portugal <sup>4</sup> .....	10	10	13	13	14	14
Sweden.....	125	125	129	129	127	127
Switzerland <sup>4</sup> .....	158	158	183	183	180	180
United Kingdom.....	229	248	242	266	243	265
Bulgaria <sup>4</sup> .....	148	148	164	164	158	158
Czechoslovakia.....	107	107	138	138	137	137
Germany, East.....	193	193	282	282	282	282
Hungary.....	36	36	45	45	42	42
Poland.....	46	46	81	81	91	91
Romania.....	105	105	130	130	130	130
Africa:						
South Africa, Republic of <sup>4</sup> .....	33	33	46	47	52	54
Oceania:						
Australia.....	129	129	163	163	161	161
New Zealand.....	227	227	231	231	219	219
Total of above countries.....	6,178	7,475	7,741	9,025	7,967	9,276

<sup>1</sup> Cheese made from cow's milk, unless otherwise noted.

<sup>2</sup> Preliminary.

<sup>3</sup> Data comparable with 1968 and 1969 not available.

<sup>4</sup> Made from the milk of cows and other animals.

<sup>5</sup> Estimated.

<sup>6</sup> Year ending Sept. 30.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 584.—Dairy products: United States imports by type of product, 1961-70

Year	Dried milk <sup>1</sup>	Cheese				Butter	Casein
		Swiss <sup>2</sup>	Cheddar	Other	Total		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1961	2,162	15,830	1,677	58,311	75,818	861	101,828
1962	1,368	17,323	2,544	57,745	77,612	789	95,576
1963	1,956	16,523	3,157	65,352	83,032	746	85,621
1964	1,567	16,680	2,479	58,718	77,877	665	101,718
1965	1,378	15,732	1,858	61,721	79,311	748	86,933
1966	2,842	23,574	4,178	107,385	135,437	667	104,330
1967	927	24,190	4,967	122,623	151,780	677	96,601
1968	1,794	58,829	9,842	101,570	170,250	739	112,424
1969	1,921	32,787	9,606	101,739	144,102	678	110,052
1970 <sup>3</sup>	1,762	40,303	10,132	110,913	161,348	961	125,841

<sup>1</sup> Includes cream, and whole and skimmed milk.<sup>2</sup> Includes Emmenthaler with eye-formation and Gruyère process cheese.<sup>3</sup> Preliminary.Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1945-60 in *Agricultural Statistics, 1967*, table 586.

Table 585.—Dairy products: United States imports by country of origin, average 1961-65, annual 1969 and 1970

Commodity and country of origin	Average 1961-65	1969	1970 <sup>1</sup>	Commodity and country of origin	Average 1961-65	1969	1970 <sup>1</sup>
	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds
<b>Butter:</b>				<b>Cheese, Swiss:<sup>2</sup></b>			
Canada	0	0	0	Switzerland	10,168	10,452	11,045
Argentina	24	0	0	Other countries	6,249	22,305	29,258
Denmark	185	184	180	<b>Total</b>	<b>16,417</b>	<b>32,757</b>	<b>40,303</b>
Australia	27	0	0	<b>Milk, dried whole:</b>			
New Zealand	399	314	388	Netherlands	0	0	0
Other countries	127	180	393	New Zealand	5	7	3
<b>Total</b>	<b>762</b>	<b>678</b>	<b>961</b>	Other countries	0	0	0
<b>Cheese, all types:</b>				<b>Total</b>	<b>5</b>	<b>7</b>	<b>3</b>
Canada	566	2,420	4,478	<b>Milk, nonfat dry milk solids:</b>			
Argentina	3,685	8,505	3,113	Canada	351	547	432
Austria	1,937	7,593	9,959	Australia	1,060	1,360	1,323
Belgium	46	758	881	New Zealand	248	6	0
Denmark	9,790	25,560	39,206	Other countries	23	1	4
Finland	2,722	6,620	8,946	<b>Total</b>	<b>1,682</b>	<b>1,914</b>	<b>1,759</b>
France	3,260	12,822	7,925	<b>Casein:</b>			
Germany, West	644	4,646	5,362	Canada	8,984	1,990	2,419
Greece	490	2,034	4,420	Argentina	35,943	15,431	11,880
Italy	21,519	17,471	17,778	Brazil	331	22	0
Netherlands	5,550	8,876	9,409	Uruguay	2,438	1,660	637
Norway	995	2,249	2,754	Denmark	24	324	424
Sweden	302	2,116	2,070	France	5,103	11,184	11,237
Switzerland	10,597	11,826	13,072	Germany, West	688	370	319
Yugoslavia	401	397	462	Netherlands	1,062	31	0
New Zealand	10,667	16,794	16,577	Norway	942	184	254
Other countries	5,359	13,415	14,936	Australia	14,993	29,575	33,963
<b>Total</b>	<b>78,730</b>	<b>144,102</b>	<b>161,348</b>	New Zealand	18,411	46,408	62,994
<b>Cheese, cheddar:</b>				Other countries	5,420	2,873	1,394
Canada	513	1,086	1,829	<b>Total</b>	<b>94,339</b>	<b>110,052</b>	<b>125,841</b>
New Zealand	1,814	5,860	5,887				
Other countries	16	2,060	2,616				
<b>Total</b>	<b>2,343</b>	<b>9,006</b>	<b>10,132</b>				

<sup>1</sup> Preliminary.<sup>2</sup> Includes Emmenthaler with eye-formation and Gruyère process cheese.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.



Table 586.—Dairy products: United States exports<sup>1</sup> by country of destination, average 1961-65, annual 1969 and 1970

Commodity and country of destination	Average 1961-65	1969	1970 <sup>2</sup>	Commodity and country of destination	Average 1961-65	1969	1970 <sup>2</sup>
<b>Butter:</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>Milk, dried whole:</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>	<b>1,000 pounds</b>
Canada.....	132	4	46	Canada.....	642	1,427	562
Chile.....	1,827	0	0	Mexico.....	464	870	2,338
Peru.....	1,398	0	0	Guatemala.....	57	51	108
Belgium.....	6,257	0	0	Haiti.....	43	25	70
France.....	7,015	0	0	Nicaragua.....	72	46	23
Germany, West.....	3,379	0	0	Peru.....	149	103	26
Italy.....	4,385	0	0	Venezuela.....	6,325	331	135
United Kingdom.....	2,271	0	0	Congo (Kinshasa).....	2,686	0	1
South Africa, Republic of.....	3,707	0	0	China (Taiwan).....	18	7	123
Iran.....	351	5	1	Iran.....	130	269	312
Israel.....	1,235	2	0	Philippines.....	135	1,081	290
Philippines.....	227	9	1	Thailand.....	5	523	667
Other countries.....	15,469	519	267	Other countries.....	7,820	10,870	9,200
<b>Total.....</b>	<b>47,913</b>	<b>539</b>	<b>315</b>	<b>Total.....</b>	<b>18,546</b>	<b>15,603</b>	<b>13,820</b>
<b>Cheese, all types:</b>				<b>Milk, nonfat dry milk</b>			
Canada.....	1,440	1,651	2,276	<b>solids:</b>			
Mexico.....	41	232	46	Canada.....	4,582	736	849
Guatemala.....	83	13	3	Mexico.....	22,416	11,249	11,637
Bahamas.....	212	459	349	El Salvador.....	598	331	710
Bermuda.....	91	171	210	Guatemala.....	700	91	221
Haiti.....	88	37	25	Brazil.....	29,948	4,200	38,241
Venezuela.....	1,469	198	300	Chile.....	2,438	790	10,471
Belgium.....	21	0	0	Colombia.....	170	3,488	7,796
Germany, West.....	4	13	1	Peru.....	7,003	3,659	4,563
Greece.....	1	0	3	Venezuela.....	2,881	39	30
Italy.....	536	0	60	Belgium.....	5,460	10	166
United Kingdom.....	458	11	11	Denmark.....	14,808	12	19
Hong Kong.....	16	28	34	Germany, West.....	2,160	5	0
Israel.....	3	4	0	Italy.....	24,803	96	63
Japan.....	128	642	912	Netherlands.....	95,387	0	0
Philippines.....	151	177	76	Spain.....	1,655	0	2
Other countries.....	3,264	2,073	2,428	Switzerland.....	8,126	0	615
<b>Total.....</b>	<b>8,026</b>	<b>5,709</b>	<b>6,734</b>	United Kingdom.....	3,169	5	0
<b>Evaporated milk:</b>				Yugoslavia.....	10,769	0	0
Canada.....	104	18	12	Burma.....	1,466	977	0
Mexico.....	21,436	34,076	31,777	Hong Kong.....	2,453	302	1,269
Nicaragua.....	232	101	68	India.....	12,771	1,352	8,966
Bolivia.....	490	0	0	Indonesia.....	9,850	0	0
Chile.....	199	0	0	Iran.....	1,507	6	13
Colombia.....	107	2	9	Iraq.....	649	0	0
Peru.....	2	0	0	Israel.....	9,975	65	245
Venezuela.....	77	25	11	Japan.....	113,655	13,307	222
Greece.....	0	0	5	Pakistan.....	8,818	3,809	3,692
Italy.....	28	0	0	Philippines.....	23,556	5,349	5,099
India.....	4,653	14	11	Other countries.....	52,890	61,767	117,368
Japan.....	66	20	3	<b>Total.....</b>	<b>474,363</b>	<b>111,625</b>	<b>212,287</b>
Pakistan.....	400	0	0	<b>Infant and dietetic food,</b>			
Philippines.....	25,181	426	58	<b>milk base:</b>			
Vietnam, South.....	561	1,618	0	Canada.....	604	1,432	788
Other countries.....	2,099	845	1,358	Mexico.....	967	109	173
<b>Total.....</b>	<b>56,235</b>	<b>37,145</b>	<b>33,312</b>	Argentina.....	69	1	10
<b>Condensed milk:</b>				Colombia.....	253	22	7
Canada.....	109	94	53	Peru.....	498	797	1,476
Venezuela.....	65	5	0	Ecuador.....	311	264	247
Belgium.....	117	0	0	Venezuela.....	3,868	63	16
Cambodia.....	1,250	0	0	Italy.....	286	1	(?)
India.....	1,413	0	0	South Africa, Republic of.....	360	32	39
Pakistan.....	451	0	0	Ceylon.....	237	0	0
Philippines.....	34	0	0	China (Taiwan).....	263	877	689
Thailand.....	72	0	83	Hong Kong.....	387	766	1,378
Vietnam, South.....	49,305	51,479	16,163	Indonesia.....	39	4	0
Other countries.....	3,923	601	129	Japan.....	343	196	473
<b>Total.....</b>	<b>56,739</b>	<b>52,179</b>	<b>16,428</b>	Philippines.....	867	1	0
				Other countries.....	1,561	6,008	6,003
				<b>Total.....</b>	<b>6,622</b>	<b>36,497</b>	<b>7,295</b>
				<b>Total.....</b>	<b>17,535</b>	<b>47,070</b>	<b>18,594</b>

<sup>1</sup> Excludes exports for relief.<sup>2</sup> Preliminary.<sup>3</sup> Less than 500 pounds.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce.

Table 587.—Dairy products: Exports by principal exporting countries, average 1961-65, annual 1968 and 1969

Commodity and country of destination	Average 1961-65	1968	1969 <sup>1</sup>	Commodity and country of destination	Average 1961-65	1968	1969 <sup>1</sup>
	Million pounds	Million pounds <sup>(2)</sup>	Million pounds <sup>(2)</sup>		Million pounds	Million pounds	Million pounds
<b>Butter:</b>				<b>Evaporated milk—</b>			
Canada.....	9.0			Con.....			
United States <sup>3</sup> .....	47.9	1.6	0.5	United Kingdom.....	40.2	53.5	64.9
Argentina.....	23.9	3.8	9.1	Australia.....	9.5	9.3	13.2
Denmark.....	245.4	235.8	216.2	<b>Total.....</b>	<b>498.0</b>	<b>693.0</b>	<b>732.1</b>
Finland.....	38.3	40.1	38.5				
France.....	82.6	144.0	156.7	<b>Condensed milk:</b>			
Netherlands.....	72.8	136.0	107.6	Canada.....	0.2		
Norway.....	10.9	2.2	2.8	United States <sup>3</sup> .....	56.7	42.5	52.2
Sweden.....	23.0	16.0	17.7	Denmark.....	75.4	51.7	42.4
United Kingdom.....	1.2	1.7	1.6	France.....	77.7	161.2	141.0
Australia.....	184.4	140.4	132.8	Netherlands.....	390.0	251.1	236.0
New Zealand.....	388.4	413.0	453.1	Sweden <sup>4</sup> .....	.1	.2	.4
<b>Total.....</b>	<b>1,127.5</b>	<b>1,134.6</b>	<b>1,136.6</b>	Switzerland.....	11.2	24.0	25.7
				United Kingdom.....	49.8	14.9	15.1
<b>Cheese:</b>				Australia.....	57.3	11.5	13.0
Canada.....	27.3	44.3	36.0	New Zealand.....	1.3	1.2	.3
United States <sup>3</sup> .....	8.0	6.5	5.7	<b>Total.....</b>	<b>719.7</b>	<b>558.3</b>	<b>526.1</b>
Argentina.....	10.4	8.1	13.6				
Denmark.....	174.7	145.7	136.5	<b>Milk, dried whole:</b>			
Finland.....	41.1	38.0	39.0	Canada.....	21.2	0.8	0.6
France.....	107.3	197.2	200.4	United States <sup>3</sup> .....	18.5	18.6	15.6
Germany, West.....	42.6	97.7	107.8	Denmark.....	71.2	68.0	79.9
Italy.....	53.2	54.0	53.5	Netherlands.....	74.6	75.6	78.8
Netherlands.....	247.1	336.8	360.5	Sweden.....	2.2	.1	( <sup>1</sup> )
Norway.....	24.5	33.7	36.0	United Kingdom.....	10.2	21.7	21.0
Sweden.....	10.9	9.6	6.0	Australia.....	16.2	22.1	33.1
Switzerland.....	72.8	101.3	105.9	New Zealand.....	13.3	10.8	13.8
United Kingdom.....	4.4	5.1	6.3	<b>Total.....</b>	<b>229.4</b>	<b>217.7</b>	<b>242.8</b>
Australia.....	58.7	75.5	79.0				
New Zealand.....	202.6	191.1	204.0	<b>Milk, nonfat dry milk solids:</b>			
<b>Total.....</b>	<b>1,085.6</b>	<b>1,344.6</b>	<b>1,390.2</b>	Canada.....	54.5	126.7	238.3
				United States <sup>3</sup> .....	474.4	150.6	111.6
<b>Evaporated milk:</b>				Denmark.....	3.9	42.8	44.5
Canada.....	8.3	7.2	6.8	Netherlands.....	20.5	73.5	65.7
United States <sup>3</sup> .....	56.2	32.7	37.1	United Kingdom.....	26.0	62.2	56.2
Denmark.....	10.9	2.7	2.4	Australia.....	44.5	97.2	105.2
France.....	40.1	73.0	56.3	New Zealand.....	115.9	248.1	277.7
Netherlands.....	332.8	514.6	551.4	<b>Total.....</b>	<b>739.7</b>	<b>801.1</b>	<b>899.2</b>

<sup>1</sup> Preliminary.<sup>2</sup> Less than 50,000 pounds.<sup>3</sup> Excludes exports for relief and charity.<sup>4</sup> May include some evaporated milk.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of the U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 588.—Dairy products: United States exports<sup>1</sup> by type of product, 1961-70

Year	Butter	Cheese	Milk and cream			
			Evaporated (un-sweetened)	Condensed (sweetened)	Whole dried	Nonfat dry milk solids
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1961.....	738	8,820	91,125	47,268	17,464	252,547
1962.....	5,773	6,959	66,058	47,695	13,414	306,956
1963.....	57,318	9,230	62,035	60,069	29,810	534,995
1964.....	130,345	8,317	37,286	62,837	12,337	838,556
1965.....	45,392	6,803	24,671	65,828	19,707	438,763
1966.....	2,368	5,940	38,361	94,303	16,517	170,341
1967.....	334	6,305	33,770	29,204	12,811	140,883
1968.....	1,550	6,543	32,697	42,482	18,644	150,591
1969.....	539	5,709	37,145	52,179	15,603	111,625
1970 <sup>2</sup> .....	315	6,734	33,312	16,428	13,820	212,287

<sup>1</sup> Excludes exports for relief and charity.<sup>2</sup> Preliminary.

Foreign Agricultural Service. Compiled from reports of the U.S. Department of Commerce. Data for 1945-60 in *Agricultural Statistics, 1967*, table 590.

Table 589.—Dairy products: Price-support operations, United States, 1961-71

Year beginning April	Manufacturing milk			Butterfat			Product purchase price per pound <sup>1</sup>			Product purchases <sup>2</sup>			
	Support level		Average price re- ceived per cwt	Support level		Average price re- ceived per pound	Butter	Ched- dar cheese	Non-fat dry milk, spray process	Quantity		Percentage of milk and cream mar- keted by farmers	
	Per cwt.	Per- cent- age of pari- ty <sup>1</sup>		Per pound	Per- cent- age of pari- ty <sup>1</sup>					Milk-fat con- tent	Non-fat solids con- tent	Milk-fat con- tent	Non-fat solids con- tent
Dollars	Per- cent	Dollars	Cents	Per- cent	Cents	Cents	Cents	Cents	Million pounds	Million pounds	Per- cent	Per- cent	
1961 ..	3.40	83	3.38	60.4	81	61.7	80.466	<sup>136.1</sup> <sup>136.5</sup>	<sup>15.90</sup> <sup>16.40</sup>	421	1,286	9.5	13.3
1962 ..	3.11	75	3.19	57.2	75	59.1	57.966	34.6	14.4	333	1,272	7.5	13.1
1963 ..	3.14	75	3.24	58.1	75	59.6	57.966	35.6	14.4	280	925	6.3	9.4
1964 ..	3.15	75	3.29	58.0	75	60.4	57.966	35.6	14.4	239	773	5.4	7.7
1965 ..	3.24	75	3.45	59.4	75	62.1	58.966	36.1	14.6	132	676	3.0	6.9
1966 ..	<sup>3.50</sup> 4.00	78 89	<sup>4.11</sup> 4.07	<sup>61.6</sup> 68.0	75 83	68.6	<sup>60.966</sup> <sup>66.466</sup>	<sup>39.3</sup> <sup>43.75</sup>	<sup>16.6</sup> <sup>19.6</sup>	102	417	2.5	4.3
1967 ..	4.00	87	4.07	68.0	81	68.2	66.466	43.75	19.6	259	964	6.2	6.9
1968 ..	4.28	89	4.30	66.0	77	68.4	66.442	47.00	23.1	180	566	4.4	6.0
1969 ..	4.28	83	4.55	68.6	75	69.7	67.644	48.00	<sup>23.35</sup>	168	373	4.1	3.9
1970 ..	4.66	85	<sup>4.74</sup>	71.5	75	<sup>71.0</sup>	68.846	52.00	27.2	274	467	6.6	4.8
1971 ..	4.98	85		(14)	(14)		67.784	54.75	31.7				

<sup>1</sup> Percentage of the parity price as of the beginning of the marketing year. <sup>2</sup> Purchase prices at Chicago for butter; purchase prices at all points for cheese and nonfat dry milk. <sup>3</sup> Milkfat and nonfat solids content of butter, cheese, and nonfat dry milk purchased under price support and related programs. (Excludes purchases of fluid milk partly paid for by CCC under military and veterans milk program. Includes purchases of butter and cheese in the 1966-67 marketing year and of cheese in the 1969-70 and 1970-71 marketing years for domestic school lunch and welfare programs under Section 709 of the Food and Agriculture Act of 1965. Beginning with the 1968-69 marketing year, includes evaporated milk purchased with Section 32 funds for distribution to needy persons.) <sup>4</sup> Effective Apr. 1 to July 17, 1961. <sup>5</sup> Effective July 18, 1961 to Mar. 31, 1962.

<sup>6</sup> Effective Apr. 1 to June 29, 1966. <sup>7</sup> Effective June 30, 1966 to Mar. 31, 1967. <sup>8</sup> Effective Apr. 1 to Aug. 18, 1967; 66.442 cents effective Aug. 19, 1967 to Mar. 31, 1968. <sup>9</sup> Effective Apr. 1 to June 23, 1968; 66.418 cents effective June 24 to Nov. 27, 1968; 66.394 cents effective Nov. 28, 1968 to Mar. 31, 1969. <sup>10</sup> Effective Apr. 1 to Nov. 18, 1969; 67.596 cents effective Nov. 19, 1969 to Mar. 31, 1970. <sup>11</sup> Beginning 1969-70, for product in 50-lb. bags; prior to 1969-70, for product in 100-lb. bags. <sup>12</sup> Preliminary. <sup>13</sup> Effective Apr. 1 to June 8, 1970; 69.798 cents effective June 9 to Nov. 19, 1970; 69.71 cents effective Nov. 20, 1970 to Jan. 9, 1971; and 69.784 cents effective Jan. 10 to Mar. 31, 1971. <sup>14</sup> The requirement to support butterfat has been suspended through March 1974 by the Agricultural Act of 1970.

Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 591.

Table 590.—Chickens: Number on farms, and value, United States, Jan. 1, 1965-71<sup>1</sup>

Year	Hens	Pullets			Other chickens	All chickens	Value per head	Total value
		Of laying age	3 months old and older not of laying age	Under 3 months old				
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Dollars	1,000 dollars
1964..						343,306		
1965..	136,543	176,402	36,175	37,869	7,129	394,118	1.17	461,515
1966..	142,807	166,177	37,476	39,568	6,991	393,019	1.21	474,876
1967..	138,094	186,715	44,391	52,125	7,421	428,746	1.20	513,082
1968..	139,327	189,971	44,831	44,025	7,004	425,158	1.14	496,414
1969..	141,203	174,974	46,599	50,325	6,534	419,635	1.21	506,100
1970..	140,173	186,413	49,015	51,284	6,755	433,640	1.35	583,824
1971 <sup>2</sup> ..	135,314	199,765	47,384	53,328	6,992	442,783	1.30	537,352

<sup>1</sup> Does not include commercial broilers. <sup>2</sup> Preliminary.

Statistical Reporting Service. Data for 1930-65 with less detailed classification of pullets in *Agricultural Statistics, 1967*, table 592. Italic figures are Census of Agriculture returns from the Bureau of the Census.

Table 591.—Chickens: Hens and pullets of laying age on farms, by States, Jan. 1, 1969-71

State and division	Hens and pullets of laying age								
	Hens			Pullets			Total		
	1969	1970	1971 <sup>1</sup>	1969	1970	1971 <sup>1</sup>	1969	1970	1971 <sup>1</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
Maine.....	1,666	1,755	1,843	4,120	4,957	5,063	5,786	6,712	6,906
New Hampshire.....	479	468	468	1,240	942	928	1,719	1,410	1,366
Vermont.....	240	160	468	358	420	434	508	580	562
Massachusetts.....	816	916	907	1,510	1,433	1,419	2,326	2,349	2,326
Rhode Island.....	148	102	102	224	248	272	372	350	350
Connecticut.....	1,419	1,648	1,484	2,657	2,713	2,572	4,076	4,361	4,056
New York.....	5,413	5,359	5,058	5,529	5,474	5,775	10,942	10,833	10,833
New Jersey.....	2,342	2,670	1,808	2,097	1,164	2,411	4,439	3,834	3,719
Pennsylvania.....	6,327	6,517	6,500	8,433	8,301	9,004	14,780	14,908	15,504
North Atlantic.....	18,850	19,595	17,838	26,166	25,742	27,544	45,018	45,337	45,682
Ohio.....	3,689	4,110	4,130	5,153	5,360	5,650	8,922	9,470	9,780
Indiana.....	4,810	4,810	4,348	4,425	4,557	4,687	13,233	13,367	14,035
Illinois.....	3,625	3,661	3,335	4,923	5,050	5,473	8,550	8,721	8,808
Michigan.....	3,170	3,202	3,042	3,127	3,095	3,570	6,297	6,297	6,612
Wisconsin.....	3,005	2,554	2,656	2,428	2,553	3,395	5,433	5,107	6,051
East North Central.....	18,449	18,337	17,511	24,058	24,625	27,775	42,507	42,962	45,286
Minnesota.....	4,296	3,701	4,034	5,676	6,371	6,944	9,972	10,072	10,978
Iowa.....	6,200	5,270	5,218	6,660	7,976	9,485	12,860	13,246	14,703
Missouri.....	2,265	2,333	2,507	4,268	4,461	5,199	6,533	6,794	7,706
North Dakota.....	501	461	465	780	718	748	1,261	1,179	1,214
South Dakota.....	1,924	1,825	1,293	3,069	3,344	3,803	5,023	5,170	5,096
Nebraska.....	2,165	2,096	1,919	2,954	3,132	3,445	5,119	5,218	5,394
Kansas.....	1,860	1,394	1,394	2,343	2,670	2,467	4,233	4,064	3,861
West North Central.....	19,241	17,071	16,831	25,780	28,672	32,091	45,021	45,743	48,922
Delaware.....	342	312	269	259	303	352	601	615	621
Maryland.....	696	710	590	895	913	929	1,591	1,623	1,519
Virginia.....	2,047	1,924	1,886	3,074	3,146	3,235	5,121	5,070	4,931
West Virginia.....	554	509	496	963	985	1,547	1,494	1,479	1,479
North Carolina.....	6,407	7,624	6,869	7,455	9,463	9,876	13,892	17,087	16,745
South Carolina.....	2,127	2,313	2,323	3,152	3,916	3,470	5,279	6,229	5,793
Georgia.....	11,237	9,754	8,488	13,964	17,263	18,600	25,201	27,017	27,088
Florida.....	5,238	6,443	5,605	5,662	5,636	6,252	10,900	12,099	11,857
South Atlantic.....	28,648	29,589	26,526	35,484	41,645	43,697	64,132	71,234	70,223
Kentucky.....	1,301	1,197	1,146	2,062	1,998	2,209	3,363	3,195	3,355
Tennessee.....	2,887	2,887	2,869	3,098	3,334	3,341	5,925	6,221	6,910
Alabama.....	4,460	4,995	5,359	7,785	7,862	7,432	12,245	12,857	12,811
Mississippi.....	4,574	4,620	4,328	6,581	6,780	6,844	11,155	11,400	11,172
Arkansas.....	5,334	5,717	5,742	10,037	10,423	10,479	15,371	16,140	16,221
Louisiana.....	1,360	1,550	1,746	2,474	2,460	1,939	3,864	4,010	3,685
Oklahoma.....	1,103	969	1,102	1,542	1,784	1,759	2,645	2,777	2,861
Texas.....	6,142	4,607	4,515	6,783	8,447	8,539	12,925	13,054	13,054
South Central.....	27,191	26,566	26,507	40,302	43,088	42,562	67,493	69,654	69,069
Montana.....	494	508	508	605	558	654	1,099	1,066	1,162
Idaho.....	480	505	520	372	390	411	852	895	931
Wyoming.....	94	63	79	107	130	110	201	193	189
Colorado.....	398	430	451	1,131	1,114	1,155	1,529	1,544	1,606
New Mexico.....	200	353	397	541	604	706	741	957	1,103
Arizona.....	612	822	590	504	558	436	1,116	1,080	1,026
Utah.....	539	734	624	737	504	564	1,276	1,238	1,188
Nevada.....	19	12	12	6	9	8	25	21	20
Washington.....	2,286	1,943	2,000	2,287	2,614	4,672	4,480	4,480	4,614
Oregon.....	1,232	1,106	1,192	1,233	1,280	1,292	2,435	2,386	2,484
California.....	22,072	22,292	23,184	15,117	14,523	17,407	37,189	36,817	40,591
Western.....	28,426	28,468	29,557	22,609	22,209	25,367	51,035	50,677	54,914
48 States.....	140,805	139,626	134,770	174,401	185,961	199,336	315,206	325,607	334,066
Alaska.....	17	20	10	12	8	13	29	28	23
Hawaii.....	381	527	534	561	424	426	942	951	960
United States.....	141,203	140,173	135,314	174,974	186,413	199,765	316,177	326,586	335,079

<sup>1</sup> Preliminary.

Statistical Reporting Service.

Table 592.—Chickens: Pullets not of laying age, and other chickens on farms, by States, Jan. 1, 1969-71

State and division	Pullets 3 months old and older not of laying age			Pullets under 3 months old			Other chickens		
	1969	1970	1971 <sup>1</sup>	1969	1970	1971 <sup>1</sup>	1969	1970	1971 <sup>1</sup>
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
Maine.....	688	768	618	688	710	785	105	136	150
New Hampshire.....	201	205	205	183	167	163	37	37	37
Vermont.....	90	81	94	48	52	60	15	15	18
Massachusetts.....	302	292	186	333	360	266	62	76	53
Rhode Island.....	40	44	53	74	62	52	9	9	5
Connecticut.....	562	505	471	436	458	366	60	55	56
New York.....	1,603	1,475	1,416	1,109	1,120	1,086	93	91	82
New Jersey.....	250	300	370	385	381	331	37	32	31
Pennsylvania.....	1,555	1,571	1,635	1,683	1,750	1,820	172	155	160
North Atlantic.....	5,291	5,241	5,048	4,939	5,060	4,929	590	606	592
Ohio.....	1,191	1,180	1,480	1,553	1,600	1,970	81	80	90
Indiana.....	2,669	2,722	2,286	2,082	2,008	2,108	63	70	75
Illinois.....	823	905	833	1,300	1,235	1,210	107	108	118
Michigan.....	697	752	737	753	761	784	38	30	33
Wisconsin.....	601	661	912	720	907	1,143	100	96	98
East North Central.....	5,981	6,220	6,248	6,408	6,511	7,215	389	384	414
Minnesota.....	705	1,015	1,066	951	1,113	1,336	117	136	204
Iowa.....	1,153	1,268	889	981	1,275	1,020	168	168	168
Missouri.....	734	800	800	728	830	650	121	126	128
North Dakota.....	31	27	40	13	10	10	35	22	24
South Dakota.....	181	226	294	378	186	270	56	56	34
Nebraska.....	190	285	338	350	420	520	56	73	74
Kansas.....	348	420	299	398	330	410	80	65	65
West North Central.....	3,342	4,041	3,726	3,709	4,164	4,216	603	646	697
Delaware.....	100	93	140	108	109	100	25	25	34
Maryland.....	179	220	203	159	220	243	60	70	70
Virginia.....	456	524	524	743	780	671	99	109	102
West Virginia.....	90	99	83	52	60	58	44	34	33
North Carolina.....	2,423	2,665	2,425	2,570	2,698	2,590	800	784	920
South Carolina.....	807	943	962	984	1,012	1,154	76	75	83
Georgia.....	5,095	5,561	5,228	5,817	5,998	6,868	856	907	907
Florida.....	3,051	2,563	2,307	3,327	2,595	2,880	55	55	55
South Atlantic.....	12,201	12,668	11,872	13,760	13,472	14,564	2,015	2,059	2,201
Kentucky.....	268	445	401	359	395	324	77	78	71
Tennessee.....	610	702	709	624	580	609	144	145	149
Alabama.....	2,735	3,185	2,930	3,284	3,481	2,894	631	694	705
Mississippi.....	2,115	2,030	1,746	2,008	2,008	2,087	352	334	324
Arkansas.....	3,067	3,312	3,100	3,309	3,640	3,850	763	839	847
Louisiana.....	856	599	534	515	500	534	105	129	97
Oklahoma.....	190	310	265	174	204	331	28	28	33
Texas.....	1,934	1,992	2,072	2,252	1,734	1,893	334	316	338
South Central.....	11,775	12,575	11,757	12,525	12,632	12,392	2,434	2,563	2,564
Montana.....	91	96	126	93	64	98	14	12	14
Idaho.....	84	114	111	100	82	82	17	15	15
Wyoming.....	5	5	5	1	1	1	2	4	2
Colorado.....	174	265	226	222	186	197	10	19	23
New Mexico.....	80	102	91	137	167	141	5	6	5
Arizona.....	130	146	175	182	204	138	12	15	14
Utah.....	136	177	225	203	205	336	15	10	11
Nevada.....	1	1	1	1	1	1	1	1	1
Washington.....	770	693	721	970	1,028	920	82	84	89
Oregon.....	290	360	384	459	320	335	74	75	74
California.....	6,089	6,211	6,466	6,344	6,978	7,633	267	254	275
Western.....	7,830	8,110	8,531	8,722	9,266	9,802	499	495	523
48 States.....	46,440	48,855	47,182	50,153	51,105	53,118	6,530	6,753	6,991
Alaska.....	—	1	2	—	—	—	1	1	1
Hawaii.....	159	159	200	172	179	210	3	1	—
United States.....	46,599	49,015	47,384	50,325	51,284	53,328	6,534	6,755	6,992

<sup>1</sup> Preliminary.

Statistical Reporting Service.



Table 593.—Chickens: Number on farms, value per head, and total value, by States, Jan. 1, 1969-71<sup>1</sup>

State and division	Number			Value per head			Total value		
	1969	1970	1971 <sup>2</sup>	1969	1970	1971 <sup>2</sup>	1969	1970	1971 <sup>2</sup>
	1,000 head	1,000 head	1,000 head	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	7,267	8,326	8,459	1.70	1.80	1.60	12,354	14,987	13,534
New Hampshire.....	2,140	1,819	1,801	1.80	1.90	1.60	3,852	3,456	2,882
Vermont.....	751	728	764	1.85	2.00	1.90	1,389	1,456	1,452
Massachusetts.....	3,023	3,077	2,831	1.80	1.85	1.85	5,441	5,692	5,237
Rhode Island.....	495	465	460	1.75	1.90	1.95	866	884	897
Connecticut.....	5,134	5,379	4,949	1.90	1.90	1.90	9,755	10,220	9,403
New York.....	13,747	13,519	13,417	1.80	1.90	1.70	24,745	25,686	22,800
New Jersey.....	5,111	4,547	4,451	1.55	1.75	1.70	7,922	7,957	7,567
Pennsylvania.....	18,170	18,384	19,119	1.60	1.70	1.55	29,072	31,253	29,634
North Atlantic.....	55,838	56,244	56,251	1.71	1.81	1.66	95,396	101,591	93,415
Ohio.....	11,817	12,330	13,320	1.25	1.45	1.20	14,771	17,879	15,984
Indiana.....	18,049	18,167	18,504	1.25	1.40	1.25	22,561	25,434	23,130
Illinois.....	10,780	10,960	10,969	1.10	1.30	1.10	11,858	14,260	12,066
Michigan.....	7,785	7,840	8,166	1.40	1.55	1.45	10,899	12,152	11,841
Wisconsin.....	6,854	6,771	8,204	1.25	1.40	1.25	8,568	9,479	10,255
East North Central.....	55,285	56,077	59,163	1.24	1.41	1.24	68,657	79,204	73,276
Minnesota.....	11,745	12,336	13,584	1.30	1.40	1.20	15,269	17,270	16,301
Iowa.....	15,162	15,957	16,780	1.10	1.45	1.25	16,678	23,138	20,975
Missouri.....	8,116	8,550	9,284	.88	1.05	.95	7,142	8,978	8,820
North Dakota.....	1,360	1,238	1,288	.99	1.20	1.10	1,346	1,486	1,417
South Dakota.....	5,638	5,638	5,694	.96	1.25	1.10	5,412	7,048	6,263
Nebraska.....	5,715	5,996	6,296	.87	1.10	.95	4,972	6,596	5,981
Kansas.....	5,029	4,879	4,635	.95	1.10	.90	4,778	5,367	4,172
West North Central.....	52,765	54,594	57,561	.95	1.28	1.11	55,597	69,883	63,929
Delaware.....	834	842	895	1.40	1.45	1.45	1,168	1,221	1,298
Maryland.....	1,989	2,133	2,035	1.50	1.55	1.50	2,984	3,306	3,053
Virginia.....	6,419	6,483	6,418	1.20	1.30	1.25	7,703	8,428	8,023
West Virginia.....	1,733	1,687	1,653	1.15	1.20	1.20	1,993	2,024	1,984
North Carolina.....	19,685	23,234	22,680	1.05	1.15	1.05	20,669	26,719	23,814
South Carolina.....	7,146	8,259	7,989	1.30	1.35	1.25	9,290	11,150	9,986
Georgia.....	36,969	39,483	40,091	1.15	1.20	1.10	42,514	47,380	44,100
Florida.....	17,333	17,312	17,099	1.20	1.35	1.10	20,800	23,371	18,809
South Atlantic.....	92,108	99,433	98,860	1.16	1.24	1.12	107,121	123,599	111,067
Kentucky.....	4,067	4,113	4,151	.93	1.05	1.00	3,782	4,319	4,151
Tennessee.....	7,303	7,648	7,377	.94	1.25	1.10	6,865	9,560	8,115
Alabama.....	18,895	20,217	19,300	1.05	1.15	1.05	19,840	23,250	20,265
Mississippi.....	15,630	15,772	15,329	1.15	1.30	1.20	17,975	20,504	18,395
Arkansas.....	22,510	23,931	24,018	.99	1.15	1.00	22,285	27,521	24,018
Louisiana.....	5,340	5,238	4,850	1.15	1.30	1.30	6,141	6,809	6,305
Oklahoma.....	3,057	3,409	3,490	.98	1.10	1.00	2,976	3,750	3,490
Texas.....	17,445	17,096	17,267	1.05	1.10	1.10	18,317	18,806	18,994
South Central.....	94,227	97,424	95,782	.96	1.18	1.08	98,181	114,519	103,733
Montana.....	1,297	1,238	1,400	1.15	1.35	1.30	1,492	1,671	1,820
Idaho.....	1,053	1,106	1,139	1.05	1.20	1.10	1,106	1,327	1,253
Wyoming.....	209	203	197	1.30	1.35	1.30	272	274	256
Colorado.....	1,935	1,954	2,032	1.00	1.25	1.15	1,935	2,443	2,360
New Mexico.....	963	1,262	1,340	.96	1.20	1.20	924	1,514	1,608
Arizona.....	1,450	1,445	1,373	1.05	1.30	1.15	1,523	1,879	1,579
Utah.....	1,630	1,630	1,760	1.05	1.25	1.10	1,712	2,038	1,936
Nevada.....	28	24	23	1.20	1.50	1.40	34	36	32
Washington.....	6,394	6,285	6,344	1.30	1.40	1.35	8,312	8,799	8,564
Oregon.....	3,258	3,141	3,277	1.20	1.45	1.25	3,910	4,554	4,096
California.....	49,889	50,260	54,865	1.15	1.35	1.20	57,372	67,851	65,838
Western.....	68,106	68,548	73,770	1.15	1.35	1.21	78,592	92,386	89,342
48 States.....	418,329	432,320	441,387	1.20	1.35	1.20	503,544	581,182	534,762
Alaska.....	30	30	26	2.25	2.05	2.10	68	62	55
Hawaii.....	1,276	1,290	1,370	1.95	2.00	1.85	2,488	2,580	2,535
United States.....	419,635	433,640	442,783	1.21	1.35	1.20	506,100	583,824	537,352

<sup>1</sup> Does not include commercial broilers. <sup>2</sup> Preliminary.  
Statistical Reporting Service.



Table 594.—Chickens: Numbers in specified countries, average 1961-65, annual 1967-69<sup>1</sup>

Continent and country	Month of estimate	Average 1961-65	1967	1968	1969 <sup>2</sup>
North America:		Thousands	Thousands	Thousands	Thousands
Canada.....	Dec. 1.....	30,373	35,123	35,793	37,983
Mexico.....	Mar.....	<sup>3</sup> 56,328	55,400	61,200	68,300
United States.....	Dec. 31.....	360,285	374,129	362,776	375,601
South America:					
Brazil.....	Dec. 31.....	121,118	128,000	129,000	130,000
Peru.....	Dec. 31.....	<sup>3</sup> 12,543	17,100	17,000	17,500
Venezuela.....	.....	<sup>3</sup> 3,755	3,638	3,715	3,790
Europe:					
Austria.....	Dec. 3.....	<sup>3</sup> 8,680	8,334	8,333	8,641
Belgium.....	Dec. 15.....	<sup>3</sup> 13,293	12,978	13,607	15,500
Bulgaria <sup>4</sup> .....	Jan. 1.....	22,888	23,637	27,726	24,874
Czechoslovakia.....	Jan. 1.....	28,438	29,466	31,208	32,544
Denmark.....	Jan.....	11,146	8,875	7,876	11,287
Finland <sup>4</sup> .....	June 15.....	6,709	7,284	6,961	7,500
France.....	Oct. 1.....	73,790	72,000	72,000	72,000
Germany, East.....	Jan. 1.....	37,240	37,070	37,978	38,802
Germany, West.....	Dec.....	66,271	73,849	73,813	78,861
Greece.....	Dec. 31.....	12,912	17,500	20,510	28,200
Hungary.....	Mar.....	<sup>3</sup> 28,678	32,184	31,093	28,120
Ireland.....	Jan. 1.....	7,288	7,847	7,980	7,986
Italy.....	Dec. 31.....	86,100	73,000	70,800	74,400
Netherlands.....	Dec.....	24,066	18,500	22,545	22,443
Poland.....	Jan. 1.....	<sup>3</sup> 78,791	81,026	80,117	84,269
Romania.....	Jan. 1.....	39,022	43,966	47,148	47,618
Spain.....	Sept. 30.....	37,418	44,991	47,911	48,892
Sweden.....	June 1.....	10,153	8,100	8,535	8,452
Switzerland.....	Apr. 21.....	5,945	5,143	4,763	4,720
United Kingdom.....	Dec.....	74,957	79,356	78,470	76,491
Yugoslavia.....	Jan. 15.....	25,614	29,626	30,279	31,404
Africa, Asia, and Oceania:					
South Africa, Republic of.....	Dec. 31.....	9,100	13,200	13,600	14,000
Israel.....	Jan. 1.....	6,950	6,430	6,300	6,700
Japan.....	Feb. 1.....	93,072	119,251	132,625	140,185
Turkey.....	Jan. 1.....	27,190	30,387	32,020	32,313
Australia.....	July 1.....	13,000	17,000	17,000	17,000
Total.....		1,433,083	1,514,289	1,540,860	1,600,346

<sup>1</sup> Chickens in laying flocks.<sup>2</sup> Preliminary.<sup>3</sup> Less than 5 years.<sup>4</sup> All poultry.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 595.—Chickens: Production, disposition, cash receipts, and gross income, United States, 1961-70 <sup>1</sup>

Year	Number				
	Raised <sup>2</sup>	Lost <sup>3</sup>	Produced <sup>4</sup>	Consumed in farm household <sup>5</sup>	Sold
	Thousands	Thousands	Thousands	Thousands	Thousands
1961.....	339,650	64,410	275,240	75,251	188,679
1962.....	319,504	62,767	256,737	66,256	192,298
1963.....	314,015	59,640	254,375	56,977	190,711
1964.....	315,531	60,197	255,334	48,826	194,632
1965.....	301,435	61,505	239,930	40,641	200,388
1966.....	339,801	57,937	281,864	33,624	212,513
1967.....	325,712	58,514	265,198	29,778	239,098
1968.....	301,780	54,000	247,780	26,600	226,703
1969.....	311,995	58,891	253,104	23,469	215,630
1970 <sup>6</sup> .....	330,156	62,785	267,371	20,992	237,236

  

Year	Pounds (live weight)			Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on farms <sup>7</sup>	Gross income <sup>7</sup>
	Produced	Consumed in farm household <sup>5</sup>	Sold					
	1,000 pounds	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1961.....	1,223,813	268,380	902,079	10.1	124,261	91,210	26,769	117,979
1962.....	1,157,306	239,266	920,132	10.2	119,020	93,453	23,533	116,986
1963.....	1,147,462	204,865	907,567	10.0	115,786	90,603	19,808	101,441
1964.....	1,169,504	179,351	936,634	9.2	107,984	85,814	16,039	101,853
1965.....	1,134,631	152,229	967,818	8.9	101,949	86,289	13,320	99,609
1966.....	1,277,853	124,096	1,034,053	9.7	124,144	100,072	11,471	111,543
1967.....	1,245,840	110,290	1,157,698	7.9	98,773	91,723	8,582	100,305
1968.....	1,157,861	96,932	1,097,426	8.2	95,839	90,083	7,883	97,916
1969.....	1,146,380	87,837	1,053,200	9.7	111,391	102,441	7,943	110,384
1970 <sup>6</sup> .....	1,190,500	78,712	1,144,331	8.8	103,776	100,527	6,638	107,165

<sup>1</sup> Does not include commercial broiler production.<sup>2</sup> Total chicks hatched less death loss of chickens and young chickens during the year.<sup>3</sup> Death loss during the year of mature chickens on hand Jan. 1.<sup>4</sup> Chickens raised less death loss during the year of mature chickens on hand Jan. 1.<sup>5</sup> Chickens consumed in households of farm producers.<sup>6</sup> Preliminary.<sup>7</sup> Value of sales plus value of those consumed in households of producers.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 598.

Table 596.—Chickens: Production, disposition, cash receipts, and gross income, by States 1970 (preliminary) <sup>1</sup>

State and division	Number				Pounds (live weight)		Price per pound live weight	Value of chickens produced	Cash receipts (sales)	Value of chickens consumed on farms <sup>2</sup>	Gross income <sup>3</sup>
	Raised <sup>4</sup>	Lost <sup>5</sup>	Produced <sup>6</sup>	Consumed in farm household <sup>7</sup>	Sold	Produced					
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Cents	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
<b>Maine</b>	1,284	1,149	4,115	24	3,958	24,674	10.3	2,541	2,528	13	686
New Hampshire	5,294	1,238	1,058	14	1,062	73	9.4	587	619	7	696
Vermont	1,578	96	482	15	431	2,241	9.4	242	235	7	949
Massachusetts	1,960	400	1,560	18	1,788	8,991	9.4	845	941	8	172
Rhode Island	3,353	58	295	3	3,097	1,847	9.4	1,785	170	2	3,192
Connecticut	3,409	762	2,647	13	2,094	16,655	9.4	3,566	3,075	6	1,187
New York	9,698	1,750	7,948	217	7,833	32,563	9.1	3,623	3,610	109	3,192
New Jersey	3,198	782	2,416	29	2,404	10,145	9.1	3,677	3,915	13	985
Pennsylvania	14,367	2,833	11,564	405	10,424	63,538	12.1	7,691	7,316	235	7,531
<b>North Atlantic</b>	40,153	8,068	32,065	738	31,340	197,156		17,622	17,660	395	18,055
<b>Ohio</b>	10,056	1,900	8,156	659	6,507	30,215	9.7	2,931	2,588	275	2,863
Indiana	13,475	2,357	11,118	473	10,304	42,441	7.5	3,193	3,247	156	2,403
Illinois	8,000	1,718	6,282	667	5,585	23,953	7.3	1,672	1,672	162	1,654
Michigan	5,900	1,070	4,830	450	4,064	23,376	7.4	1,740	1,462	102	1,677
Wisconsin	6,863	817	6,046	816	3,797	27,266		2,013	1,405	273	
<b>East North Central</b>	44,294	7,862	36,432	3,095	30,251	145,191		11,586	10,404	1,069	11,473
<b>Minnesota</b>	10,870	1,753	9,117	733	7,136	35,647	5.2	1,854	1,521	164	1,685
Iowa	11,409	2,000	9,409	1,000	7,586	37,630	5.5	2,070	1,711	220	1,931
Missouri	9,079	1,495	7,584	997	5,853	34,971	7.7	2,693	2,344	381	2,505
North Dakota	1,384	212	1,176	412	714	4,678	4.9	687	588	111	699
South Dakota	4,394	662	3,732	611	3,263	15,364	4.9	657	588	131	689
Nebraska	4,875	809	4,066	1,136	2,964	10,936	4.0	616	437	120	557
Kansas	4,460	622	3,778	522	3,500	18,033	5.5	962	1,901	100	1,101
<b>West North Central</b>	46,415	7,983	38,732	5,107	30,658	160,664		9,169	7,767	1,064	8,831
<b>Delaware</b>	735	124	611	27	531	3,497	11.9	416	385	14	369
Maryland	1,823	328	1,495	84	1,509	7,130	10.2	2,727	2,704	35	2,825
Virginia	5,582	1,065	4,517	958	3,964	21,956	11.3	2,601	2,540	109	2,492
West Virginia	1,260	420	1,260	112	1,148	5,769	11.5	1,401	1,340	10	1,491
North Carolina	12,613	3,000	12,960	1,126	11,972	72,028	8.9	8,571	8,534	405	9,320
South Carolina	5,613	1,000	4,613	468	4,175	21,855	11.5	1,868	1,978	121	2,099
Georgia	30,696	5,548	25,148	583	23,957	100,546	8.5	8,546	9,367	183	9,550
Florida	13,291	2,904	10,387	140	10,460	44,144	6.8	3,002	3,272	29	3,301
<b>South Atlantic</b>	74,900	14,505	60,295	3,185	57,683	278,502		26,455	27,725	1,250	28,975

Kentucky	3,382	670	2,712	1,089	1,575	11,842	3,627	8,663	10.0	1,184	860	303	1,220
Tennessee	5,111	3,622	1,489	1,022	2,871	15,968	3,679	14,929	10.2	1,620	1,523	375	1,898
Alabama	15,730	3,050	12,680	1,045	12,552	61,265	3,658	65,015	9.0	5,514	5,761	329	6,060
Mississippi	13,944	2,850	11,094	1,166	10,371	51,006	3,731	51,855	9.8	4,999	5,082	366	5,448
Arkansas	20,046	3,100	16,946	684	16,175	94,552	2,189	87,345	10.1	8,543	8,822	221	9,043
Louisiana	3,176	1,400	1,776	533	1,243	11,671	2,148	11,523	8.5	1,109	1,125	233	1,308
Oklahoma	3,174	1,430	1,744	544	2,118	11,681	2,688	11,862	8.5	1,084	1,084	233	1,308
Texas	13,434	2,830	11,084	1,313	9,600	46,037	4,464	44,160	10.7	4,926	4,725	478	5,203
South Central	78,366	14,999	63,367	7,593	57,416	295,965	25,482	294,404		28,992	28,836	2,500	31,336
Montana	1,106	160	946	282	502	3,646	1,072	2,159	8.0	292	173	86	250
Idaho	620	116	513	144	364	2,098	452	1,602	5.0	105	80	23	103
Wyoming	1,408	225	1,183	196	94	5,535	207	339	7.7	43	30	16	46
Colorado	1,004	235	769	174	1,010	3,391	291	2,852	9.5	251	260	63	343
New Mexico	829	200	629	168	448	2,991	291	2,699	6.2	137	101	21	136
Arizona	829	200	629	168	448	2,991	291	2,699	6.2	137	101	21	136
Utah	970	170	800	40	630	2,833	172	2,661	4.0	113	106	7	113
Nevada	17	5	12	8	5	47	32	21	5.5	3	1	2	3
Washington	4,707	754	3,953	150	3,744	16,152	615	15,725	6.9	1,114	1,065	42	1,127
Oregon	2,207	341	1,866	102	1,628	8,193	398	6,838	5.7	467	390	23	413
California	32,010	6,995	25,015	250	20,160	102,824	1,000	80,640	6.5	6,684	5,242	65	5,307
Western	45,382	9,371	36,011	1,286	29,533	147,457	4,919	120,249		9,785	7,983	351	8,304
48 States	329,410	62,488	266,922	20,974	236,881	1,194,935	78,641	1,142,893	8.8	103,579	100,345	6,629	106,974
Alaska	26	7	19	3	20	94	14	98	17.5	16	17	2	10
Hawaii	720	290	430	15	335	1,471	57	1,340	12.3	181	165	7	172
United States	330,156	62,785	267,371	20,992	237,236	1,196,500	78,712	1,144,331	8.8	103,776	100,527	6,638	107,105

<sup>1</sup> Does not include broiler production.  
<sup>2</sup> Total chicks hatched less death loss of chicks and young chickens during the year.  
<sup>3</sup> Death loss during the year of mature chickens on hand Jan. 1.  
<sup>4</sup> Chickens raised less death loss during the year of mature chickens on hand Jan. 1.

<sup>5</sup> Chickens consumed in households of producers.  
<sup>6</sup> Value of sales plus value of those consumed in households of producers.  
 Statistical Reporting Service.

CHICKENS

Table 597.—Chickens and turkeys: Participation in the National Poultry and Turkey Improvement Plans, by States, 1969<sup>1</sup>

State and division	National Poultry Improvement Plan					National Turkey Improvement Plan				
	Hatcheries		Supply flocks			Hatcheries		Supply flocks		
	Number	Egg capacity	Flocks	Birds	Average birds per flock	Number	Egg capacity	Flocks	Birds	Average birds per flock
		Thousands	Number	Thousands	Number		Thousands	Number	Thousands	Number
Maine.....	3	2,092	122	491	4,024					
New Hampshire.....	3	1,138	26	324	12,456	4	39	4	3	663
Vermont.....	2	72	36	45	1,262					
Massachusetts.....	52	2,751	225	268	1,189	4	81	5	2	494
Rhode Island.....	4	716	15	31	2,057	1	12	1		255
Connecticut.....	16	5,010	45	226	5,019					
New York.....	16	3,801	49	388	7,924	5	155	4	10	2,419
New Jersey.....	50	1,958	217	61	280	5	150	6	4	721
Pennsylvania.....	43	11,275	195	778	3,990	10	914	7	8	1,132
North Atlantic.....	189	29,413	930	2,612	2,808	29	1,351	27	27	1,012
Ohio.....	35	5,275	267	280	1,046	13	1,982	29	99	3,424
Indiana.....	57	9,359	279	609	2,184	5	992	5	9	1,790
Illinois.....	72	8,440	449	403	898	4	550	6	17	2,805
Michigan.....	17	1,752	3	11	3,577	7	1,535	45	97	2,151
Wisconsin.....	13	2,714	76	262	3,451	6	1,148	25	81	3,225
East North Central.....	194	27,540	1,074	1,565	1,457	35	6,207	110	303	2,750
Minnesota.....	60	7,550	222	508	2,290	23	6,902	235	501	2,132
Iowa.....	65	8,613	461	480	1,040	14	3,307	76	113	1,483
Missouri.....	28	7,219	475	324	682	10	4,001	93	176	1,898
North Dakota.....	9	774	70	25	351	1	45	7	12	1,674
South Dakota.....	32	2,979	168	115	688	1	53	4	9	2,254
Nebraska.....	38	3,602	221	148	670	3	277	6	20	3,438
Kansas.....	23	2,164	131	121	922	4	278	7	10	1,596
West North Central.....	255	32,901	1,748	1,721	984	56	14,963	428	841	1,966
Delaware.....	16	10,524	43	246	5,726					
Maryland.....	21	22,457	111	1,031	9,288	4	144	2	2	1,236
Virginia.....	10	3,240	66	272	4,129	5	1,446	48	114	2,377
West Virginia.....	2	307	22	11	482			2		20
North Carolina.....	57	31,883	970	7,032	7,249	14	3,077	58	224	3,866
South Carolina.....	9	2,344	42	333	7,953	2	254	17	46	2,705
Georgia.....	78	54,937	536	7,343	8,783	3	501	10	27	2,650
Florida.....	39	12,796	331	962	2,906	3	96	8	7	758
South Atlantic.....	232	138,688	2,421	17,230	7,117	31	5,518	145	420	2,896
Kentucky.....	10	909	13	45	3,517	2	275	1	1	750
Tennessee.....	26	4,922	123	461	3,748					
Alabama.....	14	5,394	342	2,148	6,280	1	33			
Mississippi.....	32	21,241	344	2,637	7,665	1	37			
Arkansas.....	41	42,114	861	3,962	6,924	5	1,768	22	28	1,278
Louisiana.....	6	2,084	12	81	6,731					
Oklahoma.....	13	2,708	94	65	690	5	858	8	24	2,977
Texas.....	5	1,890	33	179	5,436	13	2,561	135	490	3,634
South Central.....	147	81,262	1,822	11,578	6,355	27	5,532	166	543	3,273
Montana.....	5	571	14	14	1,037					
Idaho.....	8	591	13	27	2,048					
Wyoming.....	1	31	5	1	183					
Colorado.....	4	559	24	23	954	4	1,393	3	35	11,667
Arizona.....	3	570	3	53	17,667					
Utah.....	6	811	14	17	1,229	5	1,310	23	45	1,940
Washington.....	10	3,536	65	324	4,989	2	278	2	15	7,540
Oregon.....	9	2,878	155	292	1,884	8	1,531	59	187	3,178
California.....	10	4,281	16	388	24,227	15	5,615	77	682	8,852
Western.....	56	13,828	309	1,139	3,687	34	10,127	164	964	5,877
United States.....	1,073	323,632	8,304	35,845	4,316	212	43,598	1,040	3,098	2,979

<sup>1</sup> Year beginning July 1, 1969.

Agricultural Research Service.

Table 598.—Chickens: Distribution of birds in National Poultry Improvement Plan hatchery supply flocks by breed and variety, 1960-69

Year beginning July	States reporting	Total birds	New Hampshire	Single Comb-White Leghorn	White Plymouth Rock	Barred Plymouth Rock	Rhode Island Red	Cross-mated	Incross-mated	Other	Total
	Number	Number	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1960.....	47	36,599,927	1.6	13.8	7.0	0.4	0.8	67.8	6.4	2.2	100.0
1961.....	47	36,989,724	1.1	13.6	4.7	.2	.9	72.0	6.4	1.1	100.0
1962.....	47	34,936,251	.7	13.5	5.2	.2	.7	71.5	7.4	.8	100.0
1963.....	47	35,759,267	.6	11.8	6.1	.3	.6	73.5	6.5	.6	100.0
1964.....	47	32,938,647	.4	12.2	5.2	.7	.7	73.4	6.8	.6	100.0
1965.....	47	34,148,409	.4	10.8	5.1	.3	.5	75.4	6.3	1.2	100.0
1966.....	47	38,128,303	.3	10.0	5.0	.3	.6	77.5	6.1	.2	100.0
1967.....	47	33,505,974	.2	9.9	3.8	.4	.5	78.4	6.2	.6	100.0
1968.....	47	33,507,516	.2	9.1	3.1	.4	.3	79.7	5.8	1.4	100.0
1969.....	47	35,844,809	.1	8.6	2.9	.1	.3	82.4	5.0	.6	100.0

Agricultural Research Service. Data for 1941-59 in *Agricultural Statistics, 1967*, table 601.Table 599.—Chickens: Broiler production, and gross income, United States, 1955-70<sup>1</sup>

Year	Production		Price per pound	Gross income <sup>2</sup>	Year	Production		Price per pound	Gross income <sup>2</sup>
	Number	Weight				Number	Weight		
	Thousands	1,000 pounds	Cents	1,000 dollars		Thousands	1,000 pounds	Cents	1,000 dollars
1955.....	1,091,684	3,349,555	25.2	843,953	1963....	2,102,023	7,276,008	14.6	1,062,904
1956.....	1,343,660	4,269,502	19.6	838,450	1964....	2,161,172	7,521,269	14.2	1,070,124
1957.....	1,447,526	4,682,736	18.9	886,062	1965....	2,334,485	8,114,549	15.0	1,217,896
1958.....	1,659,519	5,430,674	18.5	1,001,990	1966....	2,371,576	8,902,614	15.3	1,371,649
1959.....	1,736,922	5,762,951	16.1	925,408	1967....	2,592,642	9,186,535	13.3	1,223,093
1960.....	1,794,933	6,017,217	16.9	1,014,084	1968....	2,621,406	9,331,987	14.2	1,326,477
1961.....	1,990,906	6,831,932	13.9	947,433	1969....	2,788,195	10,045,658	15.2	1,530,942
1962.....	2,023,373	6,907,076	15.2	1,048,826	1970 <sup>3</sup> ..	2,963,811	10,808,301	13.5	1,461,570

<sup>1</sup> Broilers are young chickens of the heavy breeds and other meat-type birds, to be marketed at 2-5 pounds live weight, and from which no pullets are kept for egg production. These figures are not included in farm production of chickens. Beginning 1961, includes Hawaii.

<sup>2</sup> Includes value of consumption in households of producers, which is less than 1 percent of total production.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1934-54 in *Agricultural Statistics, 1967*, table 602.

## FOOTNOTES FOR TABLE 601

<sup>1</sup> Prices are 12-month averages for both broiler and egg-type chicks.

<sup>2</sup> Combined to avoid disclosing individual operations.

<sup>3</sup> Data not shown separately to avoid disclosing individual operations, but are included in regional and U.S. totals.

<sup>4</sup> North Dakota and South Dakota combined.

<sup>5</sup> Includes Michigan.

<sup>6</sup> Included in Western total.

Statistical Reporting Service.



Table 600.—Chickens: Broiler production and gross income, by States, 1969 and 1970<sup>1</sup>

State and division	1969				1970 <sup>2</sup>			
	Production		Price per pound	Gross income <sup>3</sup>	Production		Price per pound	Gross income <sup>3</sup>
	Number	Weight			Number	Weight		
	Thousands	1,000 pounds	Cents	1,000 dollars	Thousands	1,000 pounds	Cents	1,000 dollars
Maine.....	72,900	298,890	17.6	52,605	76,550	321,510	16.1	51,763
New Hampshire.....	482	1,928	17.5	337	390	1,599	16.0	256
Vermont.....	18	76	18.1	14	15	63	16.5	10
Massachusetts.....	3,216	14,472	17.5	2,533	1,799	8,137	16.0	1,302
Rhode Island.....	387	1,509	17.5	264	484	1,936	16.0	310
Connecticut.....	6,657	25,297	17.5	4,427	6,055	23,615	16.1	3,802
New York.....	2,438	9,752	21.2	2,067	2,194	8,776	20.0	1,755
New Jersey.....	950	4,845	25.2	1,221	1,800	10,080	24.0	2,419
Pennsylvania.....	48,998	195,992	16.9	33,123	54,660	218,640	15.4	33,671
North Atlantic.....	136,046	552,761	-----	96,591	143,917	594,356	-----	95,288
Ohio.....	10,051	40,204	16.2	6,513	9,548	38,192	14.8	5,652
Indiana.....	13,934	51,556	16.0	8,249	13,315	49,266	14.8	7,291
Michigan.....	777	5,439	17.9	974	699	4,753	17.0	808
Wisconsin.....	15,183	62,250	16.1	10,022	15,031	61,627	14.4	8,574
East North Central.....	39,945	159,449	-----	25,738	38,593	153,838	-----	22,625
Minnesota.....	11,872	46,301	17.6	8,149	11,635	45,377	16.4	7,442
Iowa.....	2,606	19,545	25.0	4,886	2,710	20,325	23.0	4,675
Missouri.....	21,796	76,286	15.5	11,824	24,576	88,474	14.0	12,386
Nebraska.....	1,318	4,349	17.1	744	1,371	4,524	17.0	769
Kansas.....	709	2,340	16.0	374	995	3,284	16.0	525
West North Central.....	38,301	148,821	-----	25,977	41,287	161,984	-----	25,797
Delaware.....	133,503	520,662	16.6	86,430	133,727	521,535	14.8	77,187
Maryland.....	174,274	679,669	16.6	112,825	185,244	722,452	14.8	106,923
Virginia.....	63,499	222,142	16.1	35,765	69,701	243,954	15.1	36,837
West Virginia.....	16,542	67,897	15.2	8,800	17,177	61,837	14.6	9,028
North Carolina.....	280,537	1,038,357	15.3	158,869	307,377	1,137,295	13.6	154,672
South Carolina.....	24,219	84,766	14.1	11,952	27,406	95,921	12.9	12,374
Georgia.....	442,221	1,547,774	14.1	218,236	450,614	1,577,149	12.3	193,989
Florida.....	38,737	135,580	14.1	19,117	46,695	168,102	12.9	21,685
South Atlantic.....	1,173,602	4,286,847	-----	651,994	1,237,941	4,528,245	-----	612,695
Kentucky.....	7,190	25,884	14.9	3,857	7,334	26,402	14.0	3,696
Tennessee.....	46,132	166,075	15.6	25,908	49,445	173,058	14.1	24,401
Alabama.....	352,745	1,234,608	14.0	172,845	375,423	1,313,981	12.1	158,992
Mississippi.....	221,016	773,556	14.0	108,298	247,961	892,660	12.1	108,012
Arkansas.....	414,623	1,406,718	15.0	211,458	452,684	1,539,126	13.0	200,805
Louisiana.....	46,706	168,142	14.4	24,212	50,353	181,271	12.7	23,021
Oklahoma.....	16,601	56,443	14.7	8,297	18,955	66,343	13.3	8,824
Texas.....	170,574	597,009	15.5	92,536	184,053	662,591	13.6	90,112
South Central.....	1,275,587	4,431,435	-----	647,411	1,386,208	4,855,432	-----	617,144
Utah.....	1,652	5,286	17.6	930	1,266	4,583	17.0	779
Washington.....	21,436	83,660	18.4	15,382	20,604	80,356	17.7	14,223
Oregon.....	14,700	54,390	18.4	10,008	15,167	56,118	17.4	9,765
California.....	76,757	291,677	17.3	50,460	86,903	338,922	16.7	56,600
Western.....	114,545	434,953	-----	76,780	123,880	479,979	-----	81,367
48 States <sup>4</sup> .....	2,786,674	10,039,878	15.2	1,529,087	2,981,966	10,801,843	13.5	1,450,529
Hawaii.....	1,521	5,780	32.1	1,855	1,845	6,458	31.6	2,041
United States <sup>4</sup> .....	2,788,195	10,045,658	15.2	1,530,942	2,983,811	10,808,301	13.5	1,461,570

<sup>1</sup> Commercial broiler production including production of other meat-type breeds.<sup>2</sup> Includes home consumption which is less than 1 percent of total production.<sup>3</sup> Preliminary.<sup>4</sup> Illinois, Idaho, and Arizona included in total to avoid disclosing individual operations.

Statistical Reporting Service.

Table 601.—Chicks hatched by commercial hatcheries: Number and average price, by States, 1969 and 1970

State and division	Chicks hatched						Average price of baby chicks, per 100 <sup>1</sup>	
	1969			1970			1969	1970
	Broiler-type	Egg-type	All	Broiler-type	Egg-type	All	Dollars	Dollars
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands	Thou-sands		
Maine.....	79,014	5,362	84,376	83,091	5,630	88,721	11.3	12.7
New Hampshire and Vermont <sup>2</sup> .....	5,297	1,947	7,244	4,875	1,401	6,276	15.5	14.6
Massachusetts and Rhode Island <sup>2</sup> .....	8,052	9,757	17,809	8,441	8,156	16,597	20.1	19.4
Connecticut.....	8,578	4,675	13,253	5,089	4,994	10,083	14.9	16.8
New York.....	( <sup>3</sup> )	20,720	( <sup>3</sup> )	( <sup>3</sup> )	19,360	( <sup>3</sup> )	32.0	32.1
New Jersey.....	( <sup>3</sup> )	1,422	( <sup>3</sup> )	( <sup>3</sup> )	1,386	( <sup>3</sup> )	21.0	21.0
Pennsylvania.....	71,310	24,764	96,074	74,439	28,753	103,192	14.7	15.0
North Atlantic.....	173,527	68,647	242,174	177,228	69,680	246,908	14.7	15.3
Ohio.....	7,910	18,555	26,465	8,340	20,144	28,484	27.2	27.7
Indiana.....	20,232	33,268	53,500	18,713	35,096	53,809	23.6	24.1
Illinois.....	194	21,934	22,128	166	19,332	19,498	42.4	42.2
Michigan.....	( <sup>3</sup> )	10,050	( <sup>3</sup> )	( <sup>3</sup> )	10,700	( <sup>3</sup> )	38.0	38.9
Wisconsin.....	14,932	7,157	22,089	15,085	9,854	24,939	17.3	19.0
East North Central.....	43,268	90,964	134,232	42,304	95,126	137,430	26.3	26.8
Minnesota.....	11,301	20,971	32,272	12,221	25,678	37,899	26.9	27.5
Iowa.....	( <sup>3</sup> )	22,000	( <sup>3</sup> )	( <sup>3</sup> )	24,500	( <sup>3</sup> )	36.6	39.1
Missouri.....	10,309	16,968	27,277	15,864	20,417	36,281	19.9	19.2
North Dakota.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )		
South Dakota.....	( <sup>3</sup> )	6,676	( <sup>3</sup> )	( <sup>3</sup> )	7,866	( <sup>3</sup> )	41.0	41.1
Nebraska.....	1,628	7,894	9,522	1,580	7,927	9,507	33.7	35.7
Kansas.....	750	5,651	6,401	1,044	6,742	7,786	34.4	34.5
West North Central.....	5 28,163	80,160	5 108,323	5 35,218	93,130	128,348	28.5	28.9
Delaware.....	114,535	( <sup>3</sup> )	( <sup>3</sup> )	126,139	( <sup>3</sup> )	( <sup>3</sup> )	11.5	11.3
Maryland.....	218,049	( <sup>3</sup> )	( <sup>3</sup> )	214,167	( <sup>3</sup> )	( <sup>3</sup> )	11.1	11.1
Virginia.....	73,002	3,039	76,041	76,042	3,742	79,784	10.6	10.3
West Virginia.....	1,508	( <sup>3</sup> )	( <sup>3</sup> )	1,441	( <sup>3</sup> )	( <sup>3</sup> )	15.0	17.0
North Carolina.....	318,794	9,557	328,351	330,360	10,869	341,229	9.9	9.4
South Carolina.....	22,164	8,236	30,400	23,772	8,731	32,503	12.8	12.8
Georgia.....	496,882	41,439	537,821	498,970	46,454	545,424	10.6	9.8
Florida.....	52,877	43,732	96,609	64,002	43,332	107,334	16.6	15.8
South Atlantic.....	1,297,311	107,671	1,404,982	1,334,893	115,469	1,450,362	11.0	10.5
Kentucky.....	( <sup>3</sup> )	4,594	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	20.6	19.2
Tennessee.....	31,516	11,539	43,055	31,286	12,493	43,779	13.0	11.6
Alabama.....	382,908	12,394	395,302	407,754	11,991	419,745	8.8	8.7
Mississippi.....	216,586	15,683	232,269	243,421	16,679	260,100	9.3	9.1
Arkansas.....	491,687	20,439	512,126	520,464	23,598	544,062	9.3	9.5
Louisiana.....	42,269	3,062	45,331	46,777	1,977	48,754	9.6	10.5
Oklahoma.....	( <sup>3</sup> )	3,182	( <sup>3</sup> )	( <sup>3</sup> )	3,880	( <sup>3</sup> )	18.0	17.2
Texas.....	179,481	23,908	203,389	195,169	23,328	218,497	11.1	10.5
South Central.....	1,348,752	94,801	1,443,553	1,452,241	( <sup>3</sup> )	( <sup>3</sup> )	9.6	9.5
Montana.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )		
Idaho.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )		
Wyoming.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )		
Colorado.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )		
New Mexico.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )		
Arizona.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )		
Utah.....	1,730	1,537	3,267	963	2,134	3,097	21.9	28.1
Washington.....	23,818	9,779	33,597	22,813	10,807	33,620	15.9	16.2
Oregon.....	14,894	3,188	18,082	16,702	5,548	22,250	14.2	15.4
California.....	84,668	65,009	149,677	95,596	72,828	168,424	16.7	16.8
Western.....	134,019	87,645	221,664	147,285	99,176	246,461	16.7	17.0
48 States.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )		
Hawaii.....	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )		
United States.....	3,025,040	529,888	3,554,928	3,189,169	571,142	3,760,311	11.7	11.6

See footnotes on page 419.

**Table 602.—Chicks hatched by commercial hatcheries: Number, average price, and value, United States, 1955-70<sup>1</sup>**

Year	Chicks hatched			Average price of baby chicks per 100	Value of chick production
	Broiler-type	Egg-type	All		
	Thousands	Thousands	Thousands	Dollars	1,000 dollars
1955.....	1,204,711	647,620	1,852,331	18.5	342,268
1956.....	1,457,531	667,947	2,125,478	18.2	388,605
1957.....	1,580,415	518,738	2,099,153	16.0	336,414
1958.....	1,822,379	596,490	2,418,869	17.3	417,802
1959.....	1,844,120	540,992	2,385,112	14.5	345,682
1960.....	1,965,504	479,666	2,445,170	15.5	379,197
1961.....	2,119,845	525,876	2,645,721	14.4	381,701
1962.....	2,197,276	501,973	2,699,249	13.9	376,308
1963.....	2,254,150	514,780	2,768,930	14.2	392,067
1964.....	2,305,959	528,371	2,834,330	13.5	381,867
1965.....	2,513,881	488,965	3,002,846	13.2	395,770
1966.....	2,747,592	509,333	3,256,925	12.6	384,181
1967.....	2,758,542	534,818	3,293,360	11.5	350,903
1968.....	2,799,089	514,301	3,313,390	11.7	358,944
1969.....	3,025,040	529,888	3,554,928	11.7	386,723
1970.....	3,189,169	571,142	3,760,311	11.6	405,314

<sup>1</sup> Beginning 1961, includes Hawaii.Statistical Reporting Service. Data for 1945-54 in *Agricultural Statistics, 1967*, table 605.**Table 603.—Chickens: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1961-70<sup>1</sup>**

Year	Production			Com- mercial storage at be- ginning of year	Exports and ship- ments to Terri- tories	Com- mercial storage at end of year	Consumption		
	Com- mercial broilers	Other chick- ens <sup>3</sup>	Total				Military	Civilian	
								Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1961.....	4,919	868	5,787	130	247	160	79	5,431	30.0
1962.....	4,973	852	5,825	160	262	124	98	5,301	30.0
1963.....	5,239	809	6,048	124	226	135	84	5,727	30.7
1964.....	5,415	804	6,219	135	250	138	87	5,879	31.1
1965.....	5,843	806	6,649	138	191	108	94	6,364	33.4
1966.....	6,475	834	7,309	108	172	163	97	6,965	36.1
1967.....	6,614	913	7,527	163	159	169	104	7,258	37.2
1968.....	6,719	861	7,580	169	165	97	100	7,387	37.5
1969.....	7,233	821	8,054	97	178	110	88	7,775	39.1
1970 <sup>3</sup> .....	7,782	881	8,663	110	192	164	69	8,348	41.4

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.<sup>2</sup> Includes an allowance for nonfarm (backyard) production through 1963.<sup>3</sup> Preliminary.Economic Research Service. Data for 1947-60 in *Agricultural Statistics, 1967*, table 607.

Table 604.—Poultry: Slaughtered under Federal inspection, United States, by classes, 1968-70

Class	Number inspected			Pounds inspected (live weight)		
	1968	1969	1970	1968	1969	1970
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	2,335,881	2,516,287	2,770,178	8,310,202	9,084,962	10,073,725
Mature chickens.....	151,180	153,767	176,116	663,796	710,935	810,555
Total chickens.....	2,487,061	2,670,054	2,946,294	9,003,998	9,775,897	10,884,280
Young turkeys.....	84,636	84,476	92,990	1,701,177	1,693,643	1,890,995
Old turkeys.....	1,471	1,237	1,058	28,582	23,616	20,667
Fryer-roaster turkeys..	11,317	9,651	11,501	102,029	89,618	106,063
Total turkeys.....	97,424	95,364	105,549	1,831,788	1,806,877	1,987,715
Ducks.....	10,267	11,589	11,833	64,745	72,018	74,042
Other poultry.....				6,453	6,898	7,788
Total poultry.....				10,906,984	11,681,680	12,953,825

  

Class	Pounds certified (ready-to-cook)			Pounds condemned		
	1968	1969	1970	Ante-mortem (live weight)		
				1968	1969	1970
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	5,959,058	6,484,117	7,161,141	27,483	34,471	45,499
Mature chickens.....	450,237	454,400	516,336	5,009	5,969	7,119
Total chickens.....	6,389,295	6,938,517	7,677,477	32,492	40,140	52,618
Young turkeys.....	1,353,853	1,344,332	1,466,038	3,223	3,514	4,086
Old turkeys.....	22,790	16,886	16,815	84	82	73
Fryer-roaster turkeys..	78,955	69,548	82,157	221	214	240
Total turkeys.....	1,455,598	1,432,786	1,566,510	3,528	3,810	4,369
Ducks.....	46,369	51,133	52,617	14	34	73
Other poultry.....	4,034	4,438	5,023	14	13	16
Total poultry.....	7,895,296	8,426,674	9,301,627	36,048	43,997	57,076

  

Class	Pounds condemned—Continued		
	Post-mortem (New York dressed weight)		
	1968	1969	1970
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	271,093	287,825	357,628
Mature chickens.....	30,512	34,729	42,649
Total chickens.....	301,605	322,554	400,277
Young turkeys.....	33,049	37,538	47,327
Old turkeys.....	758	796	733
Fryer-roaster turkeys..	1,817	1,750	1,963
Total turkeys.....	35,624	40,084	50,023
Ducks.....	727	1,053	1,250
Other poultry.....	53	80	64
Total poultry.....	338,009	363,741	451,614

Pounds condemned—Continued

Class	Post-mortem (New York dressed weight)		
	1968	1969	1970
	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Young chickens.....	271,093	287,825	357,628
Mature chickens.....	30,512	34,729	42,649
Total chickens.....	301,605	322,554	400,277
Young turkeys.....	33,049	37,538	47,327
Old turkeys.....	758	796	733
Fryer-roaster turkeys..	1,817	1,750	1,963
Total turkeys.....	35,624	40,084	50,023
Ducks.....	727	1,053	1,250
Other poultry.....	53	80	64
Total poultry.....	338,009	363,741	451,614

Statistical Reporting Service.

Table 605.—Poultry: Used in further processing and cut-up under Federal inspection, ready-to-cook basis, United States, 1961-70

Year	Young chickens	Mature chickens	Turkeys	Other poultry <sup>1</sup>	Total poultry
	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>	<i>1,000 pounds</i>
1961.....	77,836	216,963	104,649	37,084	436,532
1962.....	86,588	218,523	147,549	36,774	489,434
1963.....	103,832	251,821	190,694	37,402	583,749
1964.....	124,117	256,729	211,009	40,131	631,986
1965.....	138,645	301,068	252,935	43,068	744,716
1966.....	178,321	302,236	334,732	59,434	874,723
1967.....	219,596	346,856	318,146	78,681	963,279
1968.....	254,016	377,878	382,754	72,208	1,086,856
1969.....	272,282	376,909	493,755	82,958	1,225,904
1970.....	337,292	392,404	479,427	83,274	1,292,397

<sup>1</sup> Parts and fat used are no longer available by class of poultry; quantity shown includes parts, fat, and ducks and other poultry.Statistical Reporting Service. Data for 1954-60 in *Agricultural Statistics, 1967*, table 609.

**Table 606.—Poultry and poultry products: Cold-storage holdings, first of month, United States, 1969 and 1970**

Month	Shell eggs		Frozen eggs		Turkeys		Total poultry <sup>1</sup>	
	1969	1970	1969	1970	1969	1970	1969	1970
	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
January.....	59	51	71,946	42,671	317,074	191,923	417,336	306,563
February.....	56	46	60,850	40,543	293,587	162,125	394,027	272,450
March.....	71	79	55,565	39,872	254,369	132,651	349,979	249,697
April.....	52	83	51,622	40,321	201,359	101,062	287,438	222,683
May.....	173	61	49,571	42,704	155,003	81,512	238,523	205,831
June.....	237	111	53,282	48,114	122,971	73,721	206,992	211,978
July.....	300	157	60,660	55,597	119,293	94,673	190,808	248,246
August.....	213	147	66,213	60,094	162,747	155,501	247,921	318,659
September.....	120	98	64,261	63,499	237,128	237,871	323,875	406,985
October.....	85	178	56,399	59,845	329,406	342,958	423,387	516,211
November.....	45	136	55,307	57,701	435,620	450,500	538,804	628,093
December.....	64	76	49,579	54,889	283,828	313,079	390,316	486,067

<sup>1</sup> Includes stocks of turkeys and other poultry.

Statistical Reporting Service.

**Table 607.—Poultry: Feed-price ratios, and poultry ration cost, United States, 1955-70**

Year	Ratios <sup>1</sup>			Year	Ratios <sup>1</sup>		
	Egg-feed	Broiler-feed	Turkey-feed		Egg-feed <sup>2</sup>	Broiler-feed <sup>2</sup>	Turkey-feed <sup>2</sup>
	Pounds	Pounds	Pounds		Pounds	Pounds	Pounds
1955.....	11.0	5.0	8.3	1963.....	8.0	3.0	4.9
1956.....	10.9	4.0	8.2	1964.....	8.0	3.0	4.8
1957.....	10.9	3.9	6.9	1965.....	8.0	3.1	5.1
1958.....	11.3	3.7	7.2	1966.....	9.0	3.1	5.0
1959.....	9.2	3.3	6.9	1967.....	7.3	2.9	4.4
1960.....	10.9	3.6	7.7	1968.....	8.5	3.2	4.7
1961.....	10.6	3.0	6.1	1969.....	10.0	3.4	5.0
1962.....	9.9	3.3	6.1	1970.....	9.0	2.8	4.8

<sup>1</sup> Number of pounds of poultry ration equivalent in value at local market prices to 1 dozen eggs, or 1 pound of broiler or turkey (live weight). Simple average of monthly ratios.<sup>2</sup> Number of pounds of laying feed equal in value to 1 dozen eggs.<sup>3</sup> Number of pounds of turkey grower equal in value to 1 pound of turkey (live weight).Statistical Reporting Service. Data for 1930-54 in *Agricultural Statistics, 1967*, table 606.**Table 608.—Chickens and turkeys: Number officially tested for pullorum disease, and number and percentage of reactors, United States, 1960-69**

Year beginning July	Chicken tests				Turkey tests			
	States reported	Chickens tested (first test)	Reactors		States reported	Turkeys tested (first test)	Reactors	
	Number	Thousands	Number	Percent	Number	Number	Number	Percent
1960.....	47	37,125	4,892	0.0131	47	4,618,239	132	0.0028
1961.....	47	37,926	6,950	.0183	47	4,031,834	340	.0084
1962.....	47	35,236	1,797	.0050	47	3,879,861	135	.0034
1963.....	47	36,257	1,997	.0055	47	3,779,537	178	.0047
1964.....	47	33,175	1,461	.0044	47	3,798,357	84	.0022
1965.....	47	34,261	410	.0012	47	4,121,626	0	.0000
1966.....	47	38,327	381	.0010	47	4,397,268	2	.00005
1967.....	47	33,591	741	.0020	47	3,482,049	19	.00005
1968.....	47	33,613	100	.0005	47	3,127,850	0	.0000
1969.....	47	35,890	162	.0009	47	3,145,147	6	.0003

Agricultural Research Service. Data for 1945-59 in *Agricultural Statistics, 1967*, table 611.

Table 609.—Turkeys: Number on farms, value per head, and total value, by States, Jan. 1, 1969-71

State and division	Turkeys <sup>1</sup>			Value per head			Total value		
	1969	1970	1971 <sup>2</sup>	1969	1970	1971 <sup>2</sup>	1969	1970	1971 <sup>2</sup>
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1	1	1	6.50	7.00	7.40	7	7	30
New Hampshire.....	4.2	3.9	4.1	6.60	7.40	7.40	28	29	30
Vermont.....	1	5	5	6.50	6.70	7.10	7	3	4
Massachusetts.....	15	13.5	19.3	6.70	7.20	7.20	98	97	139
Rhode Island.....	7	8	8	6.85	7.30	7.30	5	6	6
Connecticut.....	4.1	5	5	6.75	7.10	7.00	28	36	35
New York.....	36	36	33	6.15	6.70	6.00	221	241	198
New Jersey.....	13	12	10	5.65	5.60	6.00	73	67	60
Pennsylvania.....	181	173	166	6.10	5.20	5.70	1,104	900	946
North Atlantic.....	256	246	239	6.14	5.65	5.95	1,571	1,386	1,418
Ohio.....	157	167	191	5.95	6.00	5.40	934	1,002	1,031
Indiana.....	50	28	40	5.20	5.40	5.50	260	151	220
Illinois.....	36	29	31	4.80	5.40	5.30	173	157	164
Michigan.....	126	102	102	5.10	5.10	5.00	643	520	510
Minnesota and Wisconsin <sup>3</sup> .....	1,062	1,099	1,057	4.90	5.10	4.80	5,376	5,605	5,074
Iowa.....	191	150	137	5.10	6.30	6.50	974	945	891
Missouri.....	241	277	274	4.75	4.85	4.90	1,145	1,343	1,343
North Dakota.....	23	21	25	5.40	6.60	6.10	124	139	153
South Dakota.....	20	31	14	4.50	4.60	4.40	90	143	62
Nebraska.....	58	70	101	4.90	5.50	5.10	284	385	515
Kansas.....	35	35	38	5.60	5.60	5.20	196	196	198
North Central.....	2,029	2,009	2,010	5.00	5.25	5.05	10,199	10,586	10,161
Delaware.....	7	6	4	5.50	5.50	6.00	39	33	24
Maryland.....	18	13	10	5.05	5.70	6.20	102	74	62
Virginia.....	214	270	252	4.45	4.60	4.70	952	1,242	1,184
West Virginia.....	83	77	68	4.50	4.70	4.80	374	362	326
North Carolina.....	741	710	743	4.30	4.60	4.60	3,186	3,266	3,418
South Carolina.....	273	254	239	4.55	5.30	4.90	1,242	1,346	1,171
Georgia.....	110	105	188	4.85	5.40	4.70	534	567	884
South Atlantic <sup>4</sup> .....	1,446	1,435	1,504	4.45	4.80	4.70	6,429	6,890	7,069
Kentucky.....	20	10	5	4.90	5.10	5.50	98	51	28
Tennessee.....	16	14	10	4.40	4.70	4.70	70	66	47
Alabama.....	44	2	6	4.60	5.30	4.70	202	11	3
Mississippi.....	8	4	2	4.40	5.10	5.00	35	20	10
Arkansas.....	100	223	113	4.75	5.00	4.50	475	1,115	509
Louisiana.....	5	4	3	5.35	6.00	5.60	27	24	17
Oklahoma.....	29	36	55	4.90	5.80	5.40	142	209	297
Texas.....	973	1,077	1,747	4.70	5.50	5.10	4,573	5,924	8,910
South Central.....	1,195	1,370	1,936	4.70	5.40	5.10	5,622	7,420	9,821
Montana, Idaho, Wyoming, Arizona, New Mexico, and Florida <sup>5</sup> .....	27	16.8	77.6	5.30	5.40	5.70	143	91	442
Colorado.....	69	75	83	5.75	5.60	5.80	397	420	481
Utah.....	92	68	120	5.80	6.10	6.20	534	415	744
Washington.....	27	23	46	4.40	5.30	6.10	119	122	281
Oregon.....	217	218	220	5.45	6.30	6.00	1,183	1,373	1,320
California.....	1,246	1,308	1,227	5.25	6.50	6.40	6,542	8,502	7,853
Western.....	1,678	1,709	1,773	5.30	6.40	6.25	8,918	10,923	11,121
United States.....	6,604	6,769	7,462	4.95	5.50	5.30	32,739	37,205	39,590

<sup>1</sup> Excludes market turkeys less than 4 months old.<sup>2</sup> Preliminary.<sup>3</sup> Combined to avoid disclosing individual operations.<sup>4</sup> Florida not included.

Statistical Reporting Service.



Table 610.—Turkeys: Number on farms, and value, United States, Jan. 1, 1955-71

Year	Turkeys		Value per head	Total value	Year	Turkeys		Value per head	Total value
	Breeder hens	Total				Breeder hens	Total		
	Thou-sands	Thou-sands	Dollars	1,000 dollars		Thou-sands	Thou-sands	Dollars	1,000 dollars
1955.....	3,012	4,917	5.33	26,185	1964.....	3,636	5,996	4.28	25,669
1956.....	3,181	4,937	5.50	27,162	1965.....	3,555	6,100	4.40	26,813
1957.....	3,605	5,828	5.05	29,452	1966.....	3,920	6,905	5.26	36,303
1958.....	3,336	5,612	4.67	26,189	1967.....	4,148	7,817	5.13	40,127
1959.....	3,662	6,105	4.65	28,399	1968.....	3,392	7,301	4.65	33,946
1960.....	3,327	5,633	4.89	27,547	1969.....	3,290	6,604	4.95	32,739
1961.....	4,316	7,008	4.91	34,370	1970.....	3,398	6,789	5.50	37,205
1962.....	3,823	6,423	3.79	24,849	1971 <sup>1</sup> .....	3,437	7,462	5.30	39,590
1963.....	3,777	6,374	4.40	28,020					

<sup>1</sup> Preliminary.Statistical Reporting Service. Data for 1929-54 in *Agricultural Statistics, 1967*, table 612.

Table 611.—Turkeys: Production, disposition, and gross income, United States, 1961-70

Year	Number				Pounds (live weight)		Price per pound live weight	Value of turkeys produced	Gross income
	Raised <sup>1</sup>	Lost <sup>2</sup>	Pro-duced <sup>3</sup>	Sold <sup>4</sup>	Produced	Sold <sup>4</sup>			
	Thou-sands	Thou-sands	Thou-sands	Thou-sands	1,000 pounds	1,000 pounds	Cents	1,000 dollars	1,000 dollars
1961.....	107,749	253	107,496	108,081	1,871,494	1,881,992	18.9	353,969	355,826
1962.....	92,088	251	91,837	91,886	1,626,049	1,626,988	21.6	351,267	351,531
1963.....	94,063	214	93,849	94,227	1,686,355	1,693,943	22.3	375,664	377,313
1964.....	101,105	213	100,892	100,788	1,826,035	1,823,562	21.0	383,909	383,405
1965.....	105,914	211	105,703	104,898	1,915,331	1,900,703	22.2	424,449	421,295
1966.....	116,538	253	116,285	115,373	2,123,478	2,106,860	23.1	489,594	485,725
1967.....	126,577	263	126,314	126,830	2,342,801	2,353,698	19.7	457,602	459,528
1968.....	106,549	198	106,351	107,048	2,009,432	2,025,051	20.5	412,883	416,220
1969.....	106,285	212	106,073	105,858	2,020,035	2,017,700	22.4	452,476	452,025
1970 <sup>5</sup> .....	115,723	211	115,512	114,819	2,184,453	2,172,039	22.7	494,884	492,156

<sup>1</sup> Total poult hatched less death loss of poult and young turkeys during the year.<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.<sup>3</sup> Turkeys raised less death loss during the year of breeder hens on hand Jan. 1.<sup>4</sup> Includes consumption in households of producers which is less than 1 percent of production for United States.<sup>5</sup> Preliminary.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 615.

Table 612.—Turkeys: Production, disposition, and gross income, by States, 1970 (preliminary)

State and division	Number				Average weight per bird sold	Pounds (live weight)		Price per pound live weight	Gross income <sup>4</sup>
	Raised <sup>1</sup>	Lost <sup>2</sup>	Pro-duced <sup>3</sup>	Sold		Pro-duced	Sold		
	Thou-sands	Thou-sands	Thou-sands	Thou-sands		1,000 pounds	1,000 pounds		
Maine	5	0	5	6	18.8	93	113	33.0	37
New Hampshire	24	0	24	24	18.7	449	445	35.0	156
Vermont	9	0	9	9	19.4	175	175	35.0	61
Massachusetts	224	0	224	218	20.2	4,508	4,408	35.5	1,565
Rhode Island	12	0	12	12	18.5	222	222	35.5	79
Connecticut	100	0	100	100	19.4	1,940	1,940	34.0	660
New York	306	1	305	308	18.9	5,759	5,821	30.0	1,746
New Jersey	109	0	109	111	21.0	2,297	2,331	35.0	816
Pennsylvania	2,266	2	2,264	2,271	19.6	44,335	44,512	25.4	11,806
North Atlantic	3,055	3	3,052	3,059	19.6	59,328	59,967	27.4	16,426
Ohio	4,232	6	4,226	4,202	17.8	75,296	74,796	23.0	17,203
Indiana	4,970	1	4,969	4,957	18.8	93,374	93,192	23.5	21,900
Illinois	832	2	830	828	20.7	17,181	17,140	35.1	4,302
Michigan	953	4	949	949	21.9	20,783	20,783	33.7	4,926
Minnesota and Wisconsin <sup>4</sup>	21,755	37	21,718	21,760	17.0	369,261	369,996	22.5	83,348
Iowa	6,109	8	6,101	6,114	20.0	122,015	122,280	22.4	27,391
Missouri	7,967	18	7,949	7,952	20.0	158,979	159,040	22.9	36,420
North Dakota	1,113	1	1,112	1,108	17.3	19,235	19,168	21.5	4,121
South Dakota	1,121	1	1,120	1,137	14.1	15,782	16,032	22.0	3,527
Nebraska	652	2	650	619	20.5	13,143	12,690	21.1	2,678
Kansas	326	1	325	322	21.2	6,881	6,626	23.5	1,604
North Central	50,030	81	49,949	49,948	18.3	911,900	911,943	22.7	207,430
Delaware	115	0	115	117	12.2	1,398	1,427	22.8	325
Maryland	45	0	45	48	19.9	897	955	22.8	218
Virginia	4,535	4	4,531	4,549	17.1	77,451	77,788	22.4	17,425
West Virginia	633	1	632	641	15.7	9,901	10,064	22.0	2,214
North Carolina	9,579	16	9,563	9,530	18.4	175,959	175,352	21.7	38,051
South Carolina	2,718	4	2,714	2,729	21.5	58,347	58,674	23.5	13,788
Georgia	2,283	2	2,281	2,198	20.0	45,944	43,960	22.0	9,671
South Atlantic	19,908	27	19,881	19,812	18.7	369,897	368,220	22.2	81,692
Kentucky	82	0	82	87	21.3	1,788	1,853	21.4	397
Tennessee	10	0	10	14	20.0	218	280	22.0	62
Alabama	23	0	23	24	16.0	365	390	22.3	87
Mississippi	25	0	25	27	18.8	483	508	20.0	102
Arkansas	7,324	4	7,320	7,430	19.5	143,081	144,885	23.7	34,338
Louisiana	3	0	3	4	20.0	65	80	25.0	20
Texas	8,350	25	8,325	7,655	20.6	169,150	157,695	22.1	34,850
South Central	15,817	29	15,788	15,241	20.1	315,150	305,689	22.9	69,856
Montana, Idaho, Wyoming, New Mexico, Florida, Arizona, and Oklahoma <sup>4</sup>	1,733	1	1,732	1,652	18.7	32,598	31,284	23.4	7,315
Colorado	2,856	2	2,854	2,846	20.0	57,068	56,920	22.3	12,693
Utah	3,946	3	3,943	3,891	21.6	85,294	84,043	22.1	18,574
Washington	615	2	613	690	17.1	10,519	10,089	22.2	2,240
Oregon	2,178	15	2,163	2,161	18.2	39,355	39,330	23.5	9,243
California	15,585	48	15,537	15,618	19.5	302,834	304,551	21.9	66,697
Western	26,913	71	26,842	26,758	19.7	527,678	526,220	22.2	116,762
United States	115,723	211	115,512	114,819	18.9	2,184,453	2,172,039	22.7	492,156

<sup>1</sup> Total poult hatched less death loss of poult and young turkeys during the year.<sup>2</sup> Death loss during the year of breeder hens on hand Jan. 1.<sup>3</sup> Turkeys raised less death loss during the year of breeder hens on hand Jan. 1.<sup>4</sup> Value of sales plus value of those consumed in households of producers.<sup>5</sup> Combined to avoid disclosing individual operations.<sup>6</sup> Not shown separately to avoid disclosing individual operations; included in Western division total.

Statistical Reporting Service.

Table 613.—Turkeys: Average live weight of birds sold, United States, 1961–70

Year	Hens	Toms	Fryers	All	Year	Hens	Toms	Fryers	All
	Pounds	Pounds	Pounds	Pounds		Pounds	Pounds	Pounds	Pounds
1961.....	14.5	24.4	8.7	17.4	1966.....	14.9	25.2	8.9	18.3
1962.....	14.6	24.8	8.7	17.7	1967.....	14.8	25.4	8.9	18.6
1963.....	14.8	25.0	8.7	18.0	1968.....	15.3	25.8	9.0	18.9
1964.....	14.9	25.4	8.7	18.1	1969.....	15.2	25.3	9.3	19.1
1965.....	14.8	25.4	8.8	18.1	1970 <sup>1</sup> .....	15.2	25.0	9.2	18.9

<sup>1</sup> Preliminary.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 616.Table 614.—Turkeys: Supply, distribution, and per capita consumption, ready-to-cook basis, United States, 1961–70<sup>1</sup>

Year	Production	Commercial storage at beginning of year	Exports and shipments to Territories	Commercial storage at end of year	Consumption		
					Military	Civilian	
						Total	Per capita
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds	Pounds
1961.....	1,506	160	28	263	29	1,346	7.4
1962.....	1,302	263	37	203	34	1,291	7.0
1963.....	1,355	203	31	217	40	1,270	6.8
1964.....	1,459	217	43	207	36	1,390	7.4
1965.....	1,521	207	58	200	40	1,430	7.5
1966.....	1,685	200	47	267	36	1,515	7.8
1967.....	1,883	267	49	367	53	1,681	8.6
1968.....	1,620	367	41	317	63	1,566	7.9
1969.....	1,614	317	57	192	48	1,654	8.3
1970 <sup>2</sup> .....	1,738	192	35	219	49	1,627	8.1

<sup>1</sup> Includes Alaska and Hawaii.<sup>2</sup> Preliminary.Economic Research Service. Data for 1947-60 in *Agricultural Statistics, 1967*, table 617.

Table 615.—Turkeys: Poults hatched by commercial hatcheries, by breeds, United States, 1961–70

Year	Heavy white breeds <sup>1 2</sup>	All other heavy breeds <sup>2</sup>	Total all heavy breeds	Light breeds <sup>3</sup>	Total all breeds
	Thousands	Thousands	Thousands	Thousands	Thousands
1961.....	35,624	68,066	103,690	12,588	116,278
1962.....	32,767	56,509	89,276	9,778	99,054
1963.....	34,616	57,052	91,668	10,696	102,354
1964.....	41,840	53,295	95,135	13,032	108,167
1965.....	53,709	49,581	103,290	13,588	116,878
1966.....	69,046	43,479	112,525	18,424	130,949
1967.....	.....	.....	122,210	16,354	138,564
1968.....	.....	.....	100,249	13,866	114,115
1969.....	.....	.....	103,279	11,990	115,269
1970.....	.....	.....	116,021	13,722	129,743

<sup>1</sup> Includes heavy white-feathered breeds such as Broad White, White Holland, Empire White, Lancaster, and crosses with light white breeds.<sup>2</sup> Estimates discontinued as of January 1967.<sup>3</sup> Includes Beltsville, Jersey Buff, Royal Palm, and wild turkeys.Statistical Reporting Service. Data for 1953-60 in *Agricultural Statistics, 1967*, table 618.

Table 616.—Turkeys: Poults hatched by commercial hatcheries by breeds, by States, 1969 and 1970 <sup>1</sup>

State and division	Heavy breeds <sup>2</sup>		Light breeds <sup>3</sup>		Total all breeds	
	1969	1970	1969	1970	1969	1970
	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
New England.....	161	170	29	35	190	205
New York.....	294	270	0	0	294	270
New Jersey.....	109	124	0	0	109	124
Pennsylvania.....	1,387	1,339	201	294	1,588	1,633
North Atlantic.....	1,951	1,903	230	329	2,181	2,232
Ohio.....	4,610	6,611	333	675	4,943	7,286
Indiana.....	2,089	2,544	0	14	2,089	2,558
Illinois.....	462	798	0	0	462	798
Michigan.....					2,806	2,806
Wisconsin.....					2,292	3,564
East North Central.....	11,858	15,900	734	1,112	12,592	17,012
Minnesota.....	14,235	17,059	6,476	7,379	20,711	24,438
Iowa.....					6,807	6,955
Missouri.....					9,911	10,316
North Dakota, South Dakota, and Nebraska.....					884	567
Kansas.....					849	1,148
West North Central.....	32,318	35,622	6,844	7,802	39,162	43,424
Delaware, Maryland, West Virginia, and South Carolina.....	2,217	2,274	0	0	2,217	2,274
Virginia.....	2,714	2,851	2,127	2,761	4,841	5,612
North Carolina.....	9,979	12,930	617	372	10,596	13,302
Georgia.....					1,029	905
Florida.....					268	278
South Atlantic.....	15,962	18,995	2,969	3,376	18,931	22,371
Kentucky, Alabama, Mississippi, Tennessee, and Louisiana.....					792	51
Arkansas.....	3,610	3,228	43	86	3,653	3,314
Oklahoma.....	2,313	1,687	75	85	2,388	1,772
Texas.....					8,253	9,582
South Central.....	14,895	14,312	191	407	15,086	14,719
Montana, Idaho, Arizona, Wyoming, and Nevada.....	0	0	0	0	0	0
Colorado.....					2,880	3,404
Utah.....	3,232	4,193	0		3,232	4,193
Washington.....	301	323	186	201	487	524
Oregon.....					2,832	2,828
California.....	17,591	18,934	275	102	17,866	19,036
Western.....	26,275	29,289	1,022	696	27,297	29,985
United States.....	103,279	116,021	11,990	13,722	115,269	129,743

<sup>1</sup> Heavy and light breeds not published in some States in order to avoid disclosing individual operations.<sup>2</sup> Heavy breeds include Broad White, White Holland, Empire White, Lancaster, crosses between heavy and light breeds, bronze, and other heavy breeds.<sup>3</sup> Light breeds include Beltsville, Jersey Buff, and wild turkeys.

Statistical Reporting Service.

Table 617.—Eggs: Number of hens and pullets, rate of lay, and production, by States, 1969 and 1970

State and division	1969			1970		
	Hens and pullets, average number during year	Rate of lay per layer during year <sup>1</sup>	Eggs produced	Hens and pullets, average number during year	Rate of lay per layer during year <sup>1</sup>	Eggs produced
	Thousands	Number	Millions	Thousands	Number	Millions
Maine.....	5,831	227	1,325	6,454	227	1,462
New Hampshire.....	1,559	221	345	1,350	222	300
Vermont.....	588	226	133	569	227	129
Massachusetts.....	2,363	222	524	2,370	220	521
Rhode Island.....	340	212	72	349	221	77
Connecticut.....	4,084	219	895	4,155	223	927
New York.....	10,487	220	2,309	10,454	220	2,297
New Jersey.....	4,139	206	853	3,932	198	779
Pennsylvania.....	14,720	225	3,316	14,904	223	3,328
North Atlantic.....	44,111	222	9,772	44,537	220	9,830
Ohio.....	9,468	226	2,137	9,261	224	2,071
Indiana.....	12,812	218	2,789	13,327	216	2,880
Illinois.....	8,232	221	1,818	8,570	222	1,905
Michigan.....	6,188	228	1,413	6,286	225	1,417
Wisconsin.....	5,109	226	1,154	5,385	226	1,216
East North Central.....	41,809	223	9,311	42,829	222	9,480
Minnesota.....	9,329	229	2,139	9,552	235	2,247
Iowa.....	12,719	223	2,831	13,506	225	3,034
Missouri.....	6,411	204	1,310	6,952	211	1,469
North Dakota.....	1,147	203	233	1,100	198	218
South Dakota.....	4,556	213	990	4,823	218	1,053
Nebraska.....	4,964	211	1,045	5,012	214	1,071
Kansas.....	3,963	226	897	3,755	224	842
West North Central.....	43,189	219	9,445	44,700	222	9,934
Delaware.....	810	211	129	612	206	126
Maryland.....	1,600	214	342	1,568	210	330
Virginia.....	5,096	221	1,125	5,049	216	1,092
West Virginia.....	1,482	217	321	1,472	217	319
North Carolina.....	15,342	222	3,405	16,708	220	3,671
South Carolina.....	5,759	227	1,307	5,869	221	1,296
Georgia.....	24,705	220	5,426	25,109	215	5,396
Florida.....	11,217	224	2,515	11,664	218	2,547
South Atlantic.....	65,811	221	14,570	68,051	217	14,777
Kentucky.....	3,121	210	654	3,148	209	659
Tennessee.....	5,464	207	1,129	6,224	203	1,264
Alabama.....	12,538	218	2,738	12,424	218	2,720
Mississippi.....	11,194	215	2,404	11,456	216	2,470
Arkansas.....	15,444	221	3,418	15,800	220	3,482
Louisiana.....	3,884	216	839	3,569	215	769
Oklahoma.....	2,701	209	565	2,712	210	569
Texas.....	12,667	209	2,651	13,147	204	2,679
South Central.....	67,013	215	14,398	68,480	213	14,612
Montana.....	1,019	219	223	1,103	218	240
Idaho.....	830	227	188	859	220	189
Wyoming.....	195	215	42	186	215	40
Colorado.....	1,490	215	320	1,583	212	335
New Mexico.....	863	225	194	968	231	224
Arizona.....	1,094	213	227	1,083	207	224
Utah.....	1,266	217	275	1,212	217	263
Nevada.....	23	174	4	21	190	4
Washington.....	4,423	227	1,005	4,521	231	1,046
Oregon.....	2,305	228	526	2,370	225	533
California.....	37,740	222	8,380	38,839	216	8,380
Western.....	51,218	222	11,384	52,745	218	11,478
48 States.....	313,151	220	68,880	321,342	218	70,110
Alaska.....	28	179	5	27	185	5
Hawaii.....	939	214	201	938	210	197
United States.....	314,118	220	69,086	322,307	218	70,312

<sup>1</sup> Number of eggs produced during the year divided by the average number of hens and pullets of laying age on hand during the year.

Statistical Reporting Service.

Table 618.—Eggs: Production in specified countries, average 1961-65, annual 1968 and 1969

Country	Average 1961-65	1968	1969 <sup>1</sup>	Country	Average 1961-65	1968	1969 <sup>1</sup>
North America:	Millions	Millions	Millions	West Europe—Con.	Millions	Millions	Millions
Canada.....	5,166	5,436	5,655	Switzerland.....	534	650	630
Mexico.....	4,636	5,375	5,657	United Kingdom <sup>2</sup> ..	14,261	14,916	14,844
United States.....	64,080	69,270	69,086	East Europe:			
South America:				Bulgaria.....	1,327	1,627	1,519
Argentina.....	2,844	2,880	2,940	Czechoslovakia.....	2,589	3,270	3,430
Brazil.....	7,320	9,480	9,670	Germany, East.....	3,517	4,046	4,194
Peru.....	328	371	404	Hungary.....	2,018	2,792	2,640
Venezuela.....	385	617	630	Poland.....	6,046	6,315	6,700
West Europe:				Romania.....	2,502	3,113	3,815
Austria.....	1,379	1,510	1,513	Yugoslavia.....	1,674	2,260	2,584
Belgium.....	2,994	3,424	3,967	U.S.S.R. (Europe and Asia).....	28,737	35,679	37,190
Denmark.....	1,845	1,479	1,547	Africa, Asia, and Oceania:			
Finland.....	847	944	1,095	South Africa, Republic of.....	1,131	1,866	2,028
France.....	9,300	10,800	11,200	Israel <sup>3</sup> .....	1,248	1,224	1,208
Germany, West.....	9,684	14,076	14,685	Japan.....	15,838	24,694	27,613
Greece.....	1,176	1,685	1,809	Turkey.....	1,360	1,760	1,828
Ireland.....	794	750	741	Australia.....	1,740	2,328	2,380
Italy.....	7,864	9,750	10,281	Total.....	219,091	258,188	268,067
Netherlands.....	5,342	4,009	4,420				
Norway.....	554	562	584				
Portugal.....	583	648	742				
Spain.....	5,898	6,729	7,319				
Sweden.....	1,530	1,853	1,719				

<sup>1</sup> Preliminary.<sup>2</sup> Years beginning June 1 of year shown.<sup>3</sup> Years ending Sept. 30 of year shown.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attachés and Foreign Service Officers, results of office research, and related information.

Table 619.—Eggs: Production, disposition, cash receipts, and gross income, United States, 1955-70<sup>1</sup>

Year	Hens and pullets, average number during year	Rate of lay per layer during year <sup>2</sup>	Eggs			Price per dozen	Cash receipts (sales)	Value of eggs consumed on farms	Gross income <sup>3</sup>
			Total produced	Consumed in farm household	Sold				
	Thousands	Number	Millions	Millions	Millions	Cents	1,000 dollars	1,000 dollars	1,000 dollars
1955.....	309,297	192	59,526	5,511	54,015	39.5	1,777,085	177,661	1,954,746
1956.....	310,672	197	61,113	5,189	55,924	39.3	1,833,637	169,274	2,002,911
1957.....	306,676	199	61,026	4,853	56,173	35.9	1,682,353	144,090	1,826,443
1958.....	304,441	202	61,607	4,507	57,100	38.5	1,833,106	144,946	1,978,052
1959.....	305,720	207	63,335	4,256	59,079	31.4	1,544,989	110,801	1,655,790
1960.....	295,284	209	61,602	3,784	57,818	36.1	1,737,721	110,668	1,848,389
1961.....	296,648	210	62,423	3,364	59,059	35.6	1,749,947	98,417	1,848,364
1962.....	299,834	212	63,569	3,026	60,543	33.8	1,703,283	83,612	1,786,895
1963.....	298,476	213	63,500	2,729	60,770	34.5	1,747,179	76,769	1,823,948
1964.....	301,136	217	65,215	2,439	62,776	33.8	1,769,648	66,736	1,836,384
1965.....	301,687	218	65,692	2,056	63,636	33.7	1,788,159	55,752	1,843,911
1966.....	305,142	218	66,484	1,612	64,872	39.1	2,114,398	60,685	2,165,083
1967.....	316,962	221	70,031	1,558	68,473	31.2	1,781,131	38,877	1,820,008
1968.....	314,953	220	69,270	1,393	67,877	34.0	1,920,793	38,014	1,958,807
1969.....	314,118	220	69,086	1,172	67,914	40.0	2,261,490	38,177	2,299,667
1970 <sup>4</sup> .....	322,307	218	70,312	1,062	69,250	37.6	2,169,060	32,747	2,201,807

<sup>1</sup> Beginning 1961, includes Alaska and Hawaii.<sup>2</sup> Number of eggs produced during the year divided by the average of hens and pullets of laying age on hand during the year.<sup>3</sup> Value of sales plus value of eggs consumed in households of producers.<sup>4</sup> Preliminary.Statistical Reporting Service. Data for 1945-54 in *Agricultural Statistics, 1967*, table 621.



Table 620.—Eggs: Production, disposition, cash receipts, and gross income, by States, 1970 (preliminary) <sup>1</sup>

State and division	Produced	Consumed in farm household	Sold	Price per dozen	Cash receipts (sales)	Value of eggs consumed on farms <sup>2</sup>	Gross income
	Millions	Millions	Millions	Cents	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1,462	3	1,459	46.4	56,415	116	56,531
New Hampshire.....	300	2	298	48.5	12,044	81	12,125
Vermont.....	129	2	127	45.8	4,847	76	4,923
Massachusetts.....	521	2	519	49.5	21,409	83	21,492
Rhode Island.....	77	( <sup>3</sup> )	77	53.0	3,401	( <sup>3</sup> )	3,401
Connecticut.....	927	2	925	54.3	41,856	91	41,947
New York.....	2,297	16	2,281	39.3	74,703	524	75,227
New Jersey.....	779	2	777	42.7	27,648	71	27,719
Pennsylvania.....	3,328	23	3,305	39.0	107,413	748	108,161
North Atlantic.....	9,820	52	9,768	43.0	349,736	1,790	351,526
Ohio.....	2,071	31	2,040	37.5	63,750	969	64,719
Indiana.....	2,880	22	2,858	38.2	90,980	700	91,680
Illinois.....	1,905	32	1,873	34.0	53,068	907	53,975
Michigan.....	1,417	23	1,394	34.2	39,729	656	40,385
Wisconsin.....	1,216	44	1,172	35.2	34,379	1,291	35,670
East North Central.....	9,489	152	9,337	36.2	281,906	4,523	286,429
Minnesota.....	2,247	47	2,200	29.3	53,717	1,148	54,865
Iowa.....	3,034	59	2,975	30.3	75,119	1,490	76,609
Missouri.....	1,469	56	1,413	33.4	39,328	1,559	40,887
North Dakota.....	218	17	201	28.0	4,690	397	5,087
South Dakota.....	1,053	25	1,028	26.7	22,873	556	23,429
Nebraska.....	1,071	33	1,038	25.4	21,971	699	22,670
Kansas.....	842	26	816	28.6	19,448	620	20,068
West North Central.....	9,934	263	9,671	25.4	237,146	6,469	243,615
Delaware.....	126	1	125	56.0	5,533	47	5,880
Maryland.....	330	5	325	51.7	14,002	215	14,217
Virginia.....	1,092	41	1,051	42.5	37,223	1,452	38,675
West Virginia.....	319	14	305	46.3	11,768	540	12,308
North Carolina.....	3,671	72	3,599	43.2	129,564	2,562	132,156
South Carolina.....	1,296	18	1,278	41.1	43,772	617	44,389
Georgia.....	5,896	21	5,875	43.0	192,604	752	193,356
Florida.....	2,547	7	2,540	31.8	67,310	186	67,496
South Atlantic.....	14,777	179	14,598	41.3	502,076	6,401	508,477
Kentucky.....	659	56	603	36.3	18,241	1,694	19,935
Tennessee.....	1,264	45	1,219	41.8	42,462	1,567	44,029
Alabama.....	2,720	38	2,682	43.3	96,775	1,371	98,146
Mississippi.....	2,470	44	2,426	41.9	84,708	1,536	86,244
Arkansas.....	3,482	36	3,446	35.2	101,083	1,056	102,139
Louisiana.....	769	24	745	39.0	24,213	780	24,993
Oklahoma.....	569	34	535	36.9	16,451	1,046	17,497
Texas.....	2,679	65	2,614	40.5	88,223	2,194	90,417
South Central.....	14,612	342	14,270	39.7	472,156	11,244	483,400
Montana.....	240	13	227	44.3	8,380	480	8,860
Idaho.....	189	8	181	41.0	6,184	273	6,457
Wyoming.....	40	4	36	39.0	1,170	130	1,300
Colorado.....	335	13	322	36.7	9,848	398	10,246
New Mexico.....	224	4	220	39.3	7,205	131	7,336
Arizona.....	224	1	223	30.8	5,724	26	5,750
Utah.....	263	4	259	34.6	7,468	115	7,583
Nevada.....	4	1	3	35.7	89	30	119
Washington.....	1,046	7	1,039	32.6	28,226	190	28,416
Oregon.....	533	8	525	37.4	16,363	249	16,612
California.....	8,380	11	8,369	32.5	226,660	298	226,958
Western.....	11,478	74	11,404	33.4	317,317	2,320	319,637
48 States.....	70,110	1,062	69,048	37.5	2,160,337	32,747	2,193,064
Alaska.....	5	( <sup>3</sup> )	5	84.3	351	( <sup>3</sup> )	351
Hawaii.....	197	( <sup>3</sup> )	197	51.0	8,372	( <sup>3</sup> )	8,372
United States.....	70,312	1,062	69,250	37.6	2,169,090	32,747	2,201,807

<sup>1</sup> Data cover both farm and commercial operations.<sup>2</sup> Valued at same price as eggs sold.<sup>3</sup> Less than one-half million eggs.

Statistical Reporting Service.

Table 621.—Eggs: Supply, distribution, and per capita consumption, United States, 1961-70<sup>1</sup>

Year	Total egg production <sup>2</sup>	Storage at beginning of the year <sup>3,4</sup>	Imports <sup>(4)</sup>	Exports and shipments to Territories <sup>5,6</sup>	Eggs used for hatching <sup>5</sup>	Storage at end of the year <sup>3,4</sup>	Consumption		
							Military <sup>(4)</sup>	Civilian	
								Total <sup>4</sup>	Per capita
	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Million dozen	Number
1961.....	5,358	51	3	42	302	48	64	4,956	328
1962.....	5,403	48	2	32	303	50	70	4,998	327
1963.....	5,345	50	1	43	304	44	67	4,938	318
1964.....	5,435	44	2	32	312	46	76	5,015	318
1965.....	5,474	46	1	39	333	41	94	5,014	314
1966.....	5,540	41	15	41	365	28	102	5,060	314
1967.....	5,836	28	4	55	361	71	110	5,271	324
1968.....	5,773	71	6	46	364	56	108	5,276	321
1969.....	5,757	56	9	41	395	34	83	5,260	318
1970 <sup>6</sup> .....	5,859	34	28	46	411	39	66	5,359	319

<sup>1</sup> Includes Alaska and Hawaii.<sup>2</sup> Includes an allowance for nonfarm (backyard) production through 1963.<sup>3</sup> Commercial and USDA.<sup>4</sup> Shell equivalent of eggs and egg products.<sup>5</sup> Estimated from number of chickens raised or hatched.<sup>6</sup> Preliminary.Economic Research Service. Data for 1969-70 in *Agricultural Statistics, 1967*, table 624.

Table 622.—Eggs, shell: Average wholesale price per dozen, New York City and Chicago, 1961-70

Year	Loose, large white		Year	Loose, large white		Year	Loose, large white	
	New York City	Chicago <sup>1</sup>		New York City	Chicago <sup>1</sup>		New York City	Chicago <sup>1</sup>
	Cents	Cents		Cents	Cents		Cents	Cents
1961.....	42.75	37.83	1965.....	37.38	34.70	1969.....	46.64	45.96
1962.....	40.09	35.47	1966.....	44.37	42.08	1970.....	42.97	42.54
1963.....	39.10	36.48	1967.....	32.76	31.80			
1964.....	37.49	34.94	1968.....	37.97	37.25			

<sup>1</sup> Weighted average prices.

Consumer and Marketing Service.

## DAIRY AND POULTRY STATISTICS, 1971

Table 623.—Eggs, dried: Production in United States, 1955-70

Year	Whole	Al- bumen	Yolk	Other	Total	Year	Whole	Al- bumen	Yolk	Other <sup>1</sup>	Total
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds		1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1955.....	3,248	10,622	9,270	-----	23,140	1963.....	14,170	8,651	12,672	9,217	44,710
1956.....	4,908	8,797	8,359	-----	22,064	1964.....	19,650	10,864	10,677	10,836	52,027
1957.....	9,980	9,578	9,069	-----	28,627	1965.....	9,795	13,595	13,412	13,275	50,077
1958.....	8,395	8,964	7,952	-----	25,311	1966.....	8,104	13,671	12,909	16,800	51,484
1959.....	31,754	11,046	11,852	-----	54,652	1967.....	13,140	19,186	19,126	19,277	70,729
1960.....	27,579	8,021	10,489	-----	46,089	1968.....	13,785	13,109	12,861	25,573	65,328
1961.....	32,656	9,730	12,094	-----	54,480	1969.....	7,467	10,093	11,513	32,012	61,075
1962.....	26,722	10,031	13,985	-----	50,738	1970.....	8,180	14,531	12,328	40,255	75,294

<sup>1</sup> Prior to 1963, data not available.Statistical Reporting Service. Data for 1945-54 in *Agricultural Statistics, 1967*, table 627.

Table 624.—Eggs, liquid: Production and disposition, United States, 1961-70

Year	Pro- duction	Disposition (in terms of liquid eggs)						Frozen eggs later dried
		For imme- diate consum- ption	Frozen				Dried	
			Whole	Albumen	Yolk	Total		
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1961.....	637,270	50,276	184,157	95,084	91,677	370,918	216,076	2,985
1962.....	634,764	55,473	184,768	103,605	93,310	381,683	197,608	4,885
1963.....	587,018	57,849	175,753	91,371	95,667	362,791	166,378	6,710
1964.....	658,961	68,105	188,141	90,719	102,746	381,606	209,250	2,924
1965.....	628,792	44,384	191,196	80,400	96,713	368,309	216,099	
1966.....	621,392	40,310	187,934	72,397	96,109	356,440	224,642	
1967.....	801,691	59,493	247,489	78,094	109,281	434,864	307,334	
1968.....	676,781	62,966	203,757	67,263	89,586	360,606	253,179	
1969.....	640,382	82,145	191,358	62,583	80,455	334,396	223,841	
1970.....	747,883	109,783	202,518	60,101	94,699	357,318	280,782	

Year	Production by classes of product						
	Whole	Mixed emulsions	Egg white	Plain yolk	Sugared yolk <sup>2</sup>	Salted yolk <sup>2</sup>	Other yolk <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
1961.....	254,583	69,300	184,610	49,504	33,549	42,065	3,659
1962.....	234,411	68,260	195,518	52,292	32,977	46,480	4,826
1963.....	167,746	97,883	185,122	49,934	31,466	46,397	8,470
1964.....	199,858	111,470	210,570	43,645	36,634	49,283	7,501
1965.....	174,659	116,168	199,764	49,814	37,550	46,483	4,354
1966.....	169,270	128,984	184,782	48,753			89,623
1967.....	239,735	161,486	235,965	67,791			96,714
1968.....	223,419	143,310	178,623	54,072			77,327
1969.....	194,381	158,890	161,739	50,129			75,243
1970.....	207,569	178,976	208,079	63,475			89,784

<sup>1</sup> Included in preceding columns showing frozen in terms of liquid; beginning 1965, not available.<sup>2</sup> Beginning 1966, not available; included in "Other yolk."<sup>3</sup> Yolk emulsions through 1964.Statistical Reporting Service. Data for 1945-60 in *Agricultural Statistics, 1967*, table 626.

## CHAPTER IX

### FARM RESOURCES, INCOME, AND EXPENSES

The statistics in this chapter deal with farms, farm resources, farm income, and expenses. Many of the series are estimates developed in connection with economic research activities of the Department.

For convenience, the tables have been arranged in general groups. These groups, with the beginning table indicated, are as follows:

Farm property, table 626

Population and employment, table 648

Farm production and distribution, table 654

Prices and income, table 675

Costs and expenses, table 693

A table of number of farms and land in farms in 1970 and 1971, by States, has been added to this chapter.

Table 625.—Economic trends: Data relating to agriculture, United States, 1954-70

Year	Prices paid by farmers		Prices received by farmers	Farm income				
	Total including interest, taxes, and wage rates	Commodities only		Realized gross farm income (including Government payments)	Production expenses	Realized net income of farm operators	Total net income of farm operators	Realized net income per farm
	Index numbers 1967 = 100	Index numbers 1967 = 100	Index numbers 1967 = 100	Million dollars	Million dollars	Million dollars	Million dollars	Dollars
1954.....	81	87	97	33,589	21,577	12,012	12,503	2,503
1955.....	81	86	91	33,138	21,889	11,249	11,484	2,417
1956.....	81	86	91	34,274	22,374	11,900	11,444	2,636
1957.....	84	88	92	34,001	23,294	10,707	11,325	2,449
1958.....	86	90	98	37,911	25,236	12,675	13,500	2,994
1959.....	87	91	95	37,468	26,106	11,362	11,454	2,773
1960.....	88	91	94	38,088	26,352	11,736	12,079	2,962
1961.....	88	92	94	39,771	27,125	12,646	12,987	3,309
1962.....	90	92	96	41,258	28,639	12,619	13,215	3,424
1963.....	91	94	96	42,271	29,688	12,583	13,206	3,533
1964.....	92	93	93	42,567	29,481	13,086	12,266	3,862
1965.....	94	96	98	44,926	30,933	13,993	14,987	4,190
1966.....	98	98	105	49,740	33,406	16,334	16,253	5,044
1967.....	100	100	100	48,998	34,775	14,223	14,882	4,520
1968.....	104	103	103	50,897	36,209	14,688	14,825	4,809
1969.....	109	107	108	55,484	38,686	16,798	16,891	5,654
1970.....	114	111	110	56,680	40,867	15,713	15,939	5,374

See footnotes at end of table.

Table 625.—Economic trends: Data relating to agriculture, United States, 1954-70  
—Continued

Year	Farm real estate value <sup>1</sup>	Farm mortgage debt	Volume of agricultural exports	Volume of agricultural imports	National income <sup>2</sup>	Disposable personal income	Industrial production <sup>3</sup>	Consumer prices <sup>4</sup>	Wholesale prices <sup>4</sup>
	Index numbers 1967 = 100	Million dollars	Index numbers 1967 = 100	Index numbers 1967 = 100	Billion dollars	Billion dollars	Index numbers 1967 = 100	Index numbers 1967 = 100	Index numbers 1967 = 100
1954.....	53	7,740	44	77	303.1	257.4	51.9	80.5	87.6
1955.....	57	8,245	50	82	331.0	275.3	58.5	80.2	87.8
1956.....	57	9,012	67	84	350.8	293.2	61.1	81.4	90.7
1957.....	61	9,822	73	82	366.1	308.5	61.9	84.3	93.3
1958.....	65	10,382	63	86	367.8	318.8	57.9	86.6	94.6
1959.....	71	11,091	68	95	400.0	337.3	64.8	87.3	94.8
1960.....	73	12,074	84	89	414.5	350.0	66.2	88.7	94.9
1961.....	74	12,812	84	92	427.3	364.4	66.7	89.6	94.5
1962.....	78	13,891	83	100	457.7	385.3	72.2	90.6	94.8
1963.....	77	15,160	92	99	481.9	404.6	76.5	91.7	94.5
1964.....	82	16,792	104	93	518.1	438.1	81.7	92.9	94.7
1965.....	87	18,880	101	95	564.3	473.2	89.2	94.5	96.6
1966.....	94	21,169	107	101	620.6	511.9	97.9	97.2	99.8
1967.....	100	23,283	100	100	653.6	546.3	100.0	100.0	100.0
1968.....	106	24,465	100	112	711.1	591.0	105.7	104.2	102.5
1969.....	112	27,118	94	105	763.7	634.2	110.7	109.8	106.5
1970.....	117	28,387	111	110	795.9	687.8	106.7	116.3	110.4

<sup>1</sup> Farmland and buildings, as of Mar. 1.<sup>2</sup> U.S. Department of Commerce.<sup>3</sup> Federal Reserve Board.<sup>4</sup> U.S. Department of Labor.

Economic Research Service.

Table 626.—Farms: Number, acreage, cropland harvested, and value, United States, census years 1850-1964 <sup>1</sup>

Year	Farms	Land in farms	Farmland as percentage of total land area	Cropland harvested, preceding year <sup>2</sup>	Value of farmland and buildings <sup>3</sup>
	Number	1,000 acres	Percent	1,000 acres	Million dollars
1850.....	1,449,073	293,561	15.6	-----	3,272
1860.....	2,044,077	407,213	21.4	-----	6,645
1870.....	2,659,985	407,735	21.4	-----	7,444
1880.....	4,008,907	536,082	28.2	166,187	10,197
1890.....	4,564,641	623,219	32.7	219,706	13,279
1900.....	5,737,372	838,592	44.1	283,218	16,615
1910.....	6,361,502	878,796	46.2	311,293	34,801
1920.....	6,448,343	955,884	50.2	348,604	66,316
1925.....	6,371,640	924,319	48.6	344,549	49,468
1930.....	6,288,648	986,771	51.8	359,242	47,880
1935.....	6,812,350	1,054,515	55.4	295,624	32,859
1940.....	6,096,799	1,060,852	55.7	321,242	33,642
1945.....	5,859,169	1,141,615	59.9	352,866	43,889
1950.....	5,382,162	1,158,566	60.9	344,399	75,261
1954.....	4,782,416	1,158,192	60.8	332,870	97,583
1959.....	3,703,894	1,120,158	58.9	311,285	128,988
1964.....	3,152,611	1,105,874	58.2	286,708	159,432

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Acreages are for preceding year except for 1954, 1959, and 1964. Prior to 1925, this column shows the total acreage of crops for which figures are available, except for 1920, when 14,502,932 acres of corn cut for forage were excluded (most of this was probably duplicated in the acreage of corn harvested as grain). Beginning 1925, the figures represent the total cropland harvested.<sup>3</sup> Estimates for 1950, 1954, 1959, and 1964 are based on a sample of farms.<sup>4</sup> Estimate derived from the index of farm real estate values applied to 1940 and 1950 Census values. The 1945 Census reported a total value of land and buildings of \$46,389 million.

Economic Research Service. Compiled from reports of the Census of Agriculture, U.S. Department of Commerce.

Table 627.—Farms: Classification by tenure of operator, United States, 1880-1964

Year	Farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	Number	Percent	Percent	Percent	Percent	Percent
1880.....	4,008,907				25.6	
1890.....	4,364,641				28.4	
1900.....	5,737,372	35.8	7.9	1.0	35.3	
1910.....	6,361,502	52.7	9.3	.9	37.0	
1920.....	6,448,343	52.2	8.7	1.1	38.1	17.5
1925.....	6,371,640	52.0	8.7	.6	38.6	19.9
1930.....	6,295,103	46.3	10.4	.9	42.4	24.1
1935.....	6,812,350	47.1	10.1	.7	42.1	20.9
1940.....	6,102,417	50.6	10.1	.6	38.8	18.0
1945.....	5,859,169	56.3	11.3	.7	31.7	15.5
1950.....	5,388,437	57.4	15.3	.4	26.0	13.1
1954.....	4,782,416	57.4	18.2	.4	24.0	11.6
1959.....	3,710,503	57.1	22.5	.6	19.8	7.4
1964.....	3,157,857	57.6	24.8	.6	17.1	

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 628.—Land in farms: Classification by tenure of operator, United States, 1880-1964

Year	Land in farms	Tenure of operator				
		Full owners	Part owners	Managers	All tenants	Croppers (South only)
	Acres	Percent	Percent	Percent	Percent	Percent
1880.....	536,081,835					
1890.....	623,218,619					
1900.....	838,591,774	51.4	14.9	10.4	23.3	
1910.....	878,798,325	52.9	15.2	6.1	25.8	
1920.....	955,883,715	48.3	18.4	5.7	27.7	6.4
1925.....	924,319,352	45.4	21.3	4.7	28.7	7.1
1930.....	990,111,984	37.0	24.9	6.4	31.0	9.2
1935.....	1,054,615,111	37.1	25.2	5.8	31.9	7.9
1940.....	1,065,113,774	35.9	28.2	6.5	29.4	6.3
1945.....	1,141,615,364	36.1	32.5	9.3	22.0	5.0
1950.....	1,161,419,720	36.1	36.4	9.2	18.3	3.6
1954.....	1,158,191,511	34.2	40.7	8.6	16.4	2.4
1959.....	1,123,507,574	30.8	44.8	9.8	14.5	1.4
1964.....	1,110,187,000	28.7	48.0	10.2	13.1	

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

## FOOTNOTES FOR TABLE 630

<sup>1</sup> Cropland harvested, crop failure, and cultivated summer fallow.<sup>2</sup> Open or nonforested permanent pasture in farms.<sup>3</sup> Land used chiefly for grazing. Includes open or nonforested grazing land, forest and arid woodland grazed, and shrub and brush grazing land.<sup>4</sup> Excludes part of the forested areas in parks, wildlife refuges, military areas, recreation sites, and arid woodland, brushland, and forest land used for grazing.<sup>5</sup> Includes urban, industrial, and nonfarm residential areas; parks and wildlife refuges; military lands; and roads, railroads, ungrazed desert, rock, swamp, and miscellaneous other areas.<sup>6</sup> Remeasurement and increases in reservoirs account for changes in total land area.

Economic Research Service. Data from records and reports of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.



Table 629.—Land utilization: Census years, United States, 1910-64

Major land uses	48 conterminous States										50 States			
	1910	1920	1925	1930	1935	1940	1945	1950	1954	1959	1964	1959	1964	
Land in farms: <sup>1</sup>														
Cropland:														
Cropland used for crops <sup>2</sup>	324	374	365	379	375	363	379	387	380	358	335	359	335	
Cropland idle or in cover crops <sup>3</sup>	23	28	26	34	41	36	24	22	19	13	52	33	52	
Cropland used only for pasture <sup>4</sup>	284	328	331	379	410	461	408	416	460	464	487	466	490	
Grassland and pasture														
Forest and woodland:														
Pastured	98	77	77	85	108	100	95	135	121	92	82	135	93	
Not pastured	93	91	67	65	77	57	71	85	76	70	64	86	70	
Total forest and woodland	191	168	144	150	185	157	166	220	197	162	146	221	163	
Farmsteads, roads, and other land	57	58	58	45	44	44	44	45	36	37	29	46	37	
Total land in farms	879	956	924	987	1,055	1,061	1,142	1,159	1,158	1,120	1,106	1,162	1,110	
Land not in farms:														
Grazing land <sup>5</sup>	739	661	646	578	533	504	428	400	353	317	292	402	319	
Forest land not used for grazing <sup>6</sup>	162	160	203	209	184	203	186	201	238	305	324	368	443	
Other land outside farms (cities, railroads, unused wastelands, etc.) <sup>7</sup>	123	126	130	130	131	137	149	144	155	160	178	341	390	
Total land not in farms	1,024	947	979	916	848	844	763	745	746	782	794	1,111	1,147	
Grand total <sup>8</sup>	1,903	1,903	1,903	1,903	1,903	1,905	1,905	1,904	1,904	1,902	1,900	2,273	2,271	
													2,366	

<sup>1</sup> Acreage classified as to use in preceding year except in 1954, 1959, and 1964.<sup>2</sup> Cropland harvested, crop failure, and cultivated summer fallow.<sup>3</sup> Before 1945, acreage included in grassland pasture.<sup>4</sup> Before 1945, also includes cropland used only for pasture.<sup>5</sup> Land used chiefly for grazing. Includes open or nonforested grazing land, forest and arid woodland grazed, and shrub and brush grazing land.<sup>6</sup> Excludes part of the forested areas in parks, wildlife refuges, military areas, recreation sites, and arid woodland, brushland, and forest land used for grazing.<sup>7</sup> Includes urban, industrial, and nonfarm residential areas; parks and wildlife refuges; military lands; and roads, railroads, ungrazed desert, rock, swamp, and miscellaneous lands.<sup>8</sup> Remeasurement and increases in reservoirs account for changes in total land area.

Economic Research Service. Data from reports of the U.S. Departments of Agriculture and Commerce, and public land administering and conservation agencies.

Table 630.—Land utilization: Land in farms and land not in farms, by States, 1964

State and region	Use of land in farms						Use of land not in farms					Approximate total land area <sup>6</sup>
	Cropland			Open permanent pasture <sup>2</sup>	Forest and woodland		Other land	Total land in farms	Pasture and range <sup>3</sup>	Woodland and forest <sup>4</sup> not grazed	Other land <sup>5</sup>	
	Used for crops <sup>1</sup>	Soil improvement crops or idle	Used only for pasture		Pastured	Not pastured						
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Maine.....	603	256	143	98	129	1,329	32	2,590	215	15,756	1,236	19,797
New Hampshire.....	172	22	62	47	110	468	22	903	35	4,320	523	5,781
Vermont.....	666	34	183	406	407	759	69	2,524	45	3,069	297	5,935
Massachusetts.....	240	49	80	73	86	319	55	902	104	2,823	1,184	5,013
Rhode Island.....	30	4	12	7	5	38	8	104	2	385	180	671
Connecticut.....	210	33	56	96	67	211	46	721	100	1,695	601	3,117
New York.....	4,883	752	991	2,302	816	1,911	620	12,275	1,809	8,682	7,670	30,636
New Jersey.....	587	183	88	84	19	171	24	1,156	64	1,972	1,628	4,820
Pennsylvania.....	4,717	911	686	1,519	573	1,995	403	10,804	719	14,037	3,256	28,816
Delaware.....	441	60	32	12	9	132	11	717	12	224	315	1,268
Maryland.....	1,467	294	226	341	111	701	41	3,181	259	2,047	943	6,330
Dist. of Columbia.....											39	39
Northeast.....	14,016	2,598	2,559	4,987	2,332	8,054	1,331	35,877	3,364	55,010	17,972	112,223
Michigan.....	9,946	1,774	1,147	577	908	1,571	676	13,599	1,671	16,674	4,420	36,354
Wisconsin.....	9,370	1,232	1,785	1,845	2,802	2,332	1,032	20,378	1,475	10,171	2,833	34,857
Minnesota.....	17,983	3,444	1,307	2,118	2,410	1,454	2,087	30,805	1,616	14,278	4,046	50,745
Lakes States.....	34,301	6,450	4,219	4,640	6,120	6,357	3,795	64,782	4,762	41,123	11,299	121,966
Ohio.....	9,482	1,389	1,164	2,177	930	1,436	1,041	17,619	1,997	2,289	4,844	26,249
Indiana.....	10,337	1,883	1,335	1,102	1,018	1,337	721	17,933	1,479	1,310	2,439	25,161
Illinois.....	20,357	2,139	1,609	1,746	1,501	1,195	1,351	29,958	1,946	813	3,044	35,761
Iowa.....	20,241	3,750	2,632	3,248	1,551	429	1,907	33,758		315	1,795	35,868
Missouri.....	11,386	2,358	4,428	5,836	5,214	2,121	1,350	32,692	2,770	6,963	1,745	44,190
Corn Belt.....	72,003	11,519	11,228	14,108	10,214	6,518	6,370	131,960	8,192	11,710	13,367	165,229
North Dakota.....	25,077	1,989	848	12,988	237	151	1,427	42,717		48	1,574	44,330
South Dakota.....	16,520	1,511	934	25,432	207	64	899	45,567		524	701	48,612
Nebraska.....	18,880	2,364	1,031	23,731	357	139	1,291	47,793	160	192	829	48,974
Kansas.....	25,759	2,584	1,346	18,524	470	303	1,285	50,271	345	346	1,554	52,516
Northern Plains.....	86,236	8,448	4,159	80,675	1,271	657	4,902	186,348	1,029	1,287	5,777	194,441
Virginia.....	2,662	553	865	2,568	1,143	3,892	319	12,002	861	10,806	1,829	25,496
West Virginia.....	754	124	360	1,605	910	1,375	151	5,279	930	8,309	866	15,414
North Carolina.....	4,262	1,291	601	1,165	951	5,898	214	14,382	917	12,876	3,108	31,283
Kentucky.....	3,591	1,274	4,572	1,824	1,433	2,814	757	16,265	839	6,926	1,475	25,505
Tennessee.....	3,725	1,190	3,059	1,808	1,738	3,121	625	15,266	442	8,648	2,119	26,475
Appalachian.....	14,994	4,432	9,457	8,970	6,175	17,100	2,066	63,194	3,989	47,565	9,427	124,175
South Carolina.....	2,353	761	592	480	803	3,008	104	8,101	2,374	6,103	2,801	19,379
Georgia.....	4,113	1,251	1,017	1,802	2,598	6,649	457	17,887	1,425	15,380	2,554	37,246
Florida.....	2,260	581	741	4,306	4,976	1,540	1,007	15,411	5,236	10,298	3,702	34,647
Alabama.....	3,119	849	1,243	2,555	2,897	4,226	337	15,226	1,835	13,015	2,419	32,545
Southeast.....	11,845	3,442	3,593	9,143	11,274	15,423	1,905	56,625	10,920	44,796	11,476	123,817
Mississippi.....	4,517	844	1,294	3,717	3,843	2,952	585	17,752	2,915	8,266	1,376	30,309
Arkansas.....	6,248	483	1,840	2,373	2,922	2,045	654	16,565	9,605	6,058	1,164	33,392
Louisiana.....	2,726	547	1,739	2,004	1,719	1,247	429	10,411	7,763	6,628	4,097	28,899
Delta States.....	13,491	1,874	4,873	8,094	8,484	6,244	1,668	44,728	20,283	20,952	6,637	92,600
Oklahoma.....	9,872	1,717	1,951	18,449	3,413	367	308	36,077	3,680	1,719	2,674	44,130
Texas.....	24,254	4,666	6,986	94,581	10,042	749	428	141,706	14,594	3,855	8,146	168,301
Southern Plains.....	34,126	6,383	8,937	113,030	13,455	1,116	736	177,783	18,274	5,574	10,820	212,451
Montana.....	13,797	833	1,031	47,377	1,870	255	671	65,834	10,802	9,489	7,061	93,186
Idaho.....	4,920	366	696	7,434	1,138	255	493	15,302	21,376	9,957	6,783	52,913
Wyoming.....	2,077	192	567	32,937	581	249	450	37,053	15,698	2,723	6,786	62,290
Colorado.....	8,677	1,544	1,120	25,063	1,436	139	280	38,259	15,142	8,588	4,439	66,428
New Mexico.....	1,292	877	385	41,189	3,232	224	448	47,647	22,533	1,634	5,911	77,725
Arizona.....	1,238	289	142	31,935	5,292	20	643	40,559	19,072	4,648	8,401	72,680
Utah.....	1,358	488	442	9,661	762	63	93	12,867	28,120	1,356	10,381	52,724
Nevada.....	527	118	191	9,441	38	13	155	10,483	47,597	2,651	9,598	70,329
Mountain.....	33,886	4,707	4,574	205,037	14,349	1,218	4,233	268,004	180,349	41,046	58,555	548,245
Washington.....	6,839	562	784	6,741	3,052	699	376	19,053	3,153	15,398	5,060	42,664
Oregon.....	4,103	395	927	11,577	2,632	562	313	20,509	20,877	16,749	3,439	61,574
California.....	8,983	805	2,053	20,450	2,804	599	1,317	97,011	15,589	23,244	24,340	100,184
Pacific.....	19,925	1,762	3,764	38,768	8,488	1,860	2,006	76,573	39,619	55,591	32,839	204,422
48 States.....	334,823	51,615	57,363	487,352	82,162	63,547	29,012	1,105,874	290,772	324,454	178,469	1,890,569
Alaska.....	17	3	4	1,752	17	31	135	1,959	1,370	117,758	241,430	362,517
Hawaii.....	305	14	52	1,203	31	186	563	2,354	300	1,279	254	4,187
United States.....	335,145	51,632	57,419	490,307	82,210	63,764	29,710	1,110,187	292,442	443,491	420,153	2,266,273

See footnotes on page 437.

Table 631.—Land in farms: <sup>1</sup> Irrigated land, by States, 1939-64

State and region	1939	1944	1949	1954	1959	1964
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Maine.....	( <sup>2</sup> )	( <sup>2</sup> )	2	1	2	4
New Hampshire.....	( <sup>2</sup> )	( <sup>2</sup> )	1	1	1	1
Vermont.....	0	( <sup>2</sup> )	( <sup>2</sup> )	1	2	3
Massachusetts.....	2	11	19	23	20	24
Rhode Island.....	( <sup>2</sup> )	( <sup>2</sup> )	2	1	( <sup>2</sup> )	1
Connecticut.....	1	( <sup>2</sup> )	8	12	5	14
New York.....	6	10	19	59	58	79
New Jersey.....	8	12	28	59	74	96
Pennsylvania.....	3	9	7	18	17	23
Delaware.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	6	16	18
Maryland.....	( <sup>2</sup> )	( <sup>2</sup> )	1	8	11	16
Northeast.....	20	43	87	188	206	280
Michigan.....	3	3	14	23	40	49
Wisconsin.....	2	5	10	18	32	62
Minnesota.....	3	( <sup>2</sup> )	4	9	15	18
Lake States.....	8	8	28	51	87	129
Ohio.....	5	4	6	15	12	17
Indiana.....	1	1	5	12	17	17
Illinois.....	( <sup>2</sup> )	( <sup>2</sup> )	2	7	10	14
Iowa.....	2	1	1	2	18	22
Missouri.....	1	1	2	33	30	59
Corn Belt.....	9	8	16	69	87	130
North Dakota.....	20	23	35	38	48	51
South Dakota.....	54	53	78	90	116	130
Nebraska.....	474	632	876	1,171	2,078	2,169
Kansas.....	83	96	139	332	762	1,004
Northern Plains.....	631	804	1,128	1,631	3,003	3,354
Virginia.....	1	1	3	22	31	51
West Virginia.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	1	1	2
North Carolina.....	( <sup>2</sup> )	( <sup>2</sup> )	2	25	66	97
Kentucky.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	13	9	14
Tennessee.....	( <sup>2</sup> )	( <sup>2</sup> )	1	23	11	11
Appalachian.....	2	2	6	85	118	175
South Carolina.....	( <sup>2</sup> )	( <sup>2</sup> )	6	22	25	19
Georgia.....	( <sup>2</sup> )	( <sup>2</sup> )	3	24	34	64
Florida.....	126	222	365	428	414	1,217
Alabama.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	17	17	12
Southeast.....	127	223	375	490	490	1,312
Mississippi.....	( <sup>2</sup> )	( <sup>2</sup> )	5	132	100	123
Arkansas.....	159	289	422	858	712	974
Louisiana.....	414	536	577	708	485	581
Delta States.....	573	824	1,004	1,698	1,296	1,678
Oklahoma.....	4	2	34	108	198	302
Texas.....	895	1,320	3,132	4,707	5,656	6,385
Southern Plains.....	899	1,322	3,166	4,815	5,854	6,687
Montana.....	1,588	1,555	1,717	1,891	1,875	1,893
Idaho.....	1,895	2,026	2,137	2,325	2,577	2,802
Wyoming.....	1,284	1,354	1,432	1,263	1,470	1,571
Colorado.....	2,468	2,699	2,872	2,263	2,685	2,690
New Mexico.....	436	535	655	650	732	813
Arizona.....	575	736	964	1,177	1,152	1,125
Utah.....	911	1,124	1,138	1,073	1,062	1,092
Nevada.....	756	674	727	567	543	824
Mountain.....	9,913	10,703	11,642	11,208	12,095	12,811
Washington.....	494	520	589	778	1,007	1,150
Oregon.....	1,030	1,129	1,307	1,490	1,384	1,608
California.....	4,277	4,952	6,438	7,048	7,396	7,599
Pacific.....	5,800	6,601	8,334	9,317	9,787	10,356
Hawaii.....	( <sup>2</sup> )	( <sup>2</sup> )	117	( <sup>2</sup> )	141	144
United States <sup>4</sup> .....	17,963	20,539	25,905	<sup>3</sup> 29,552	33,164	37,056

See footnotes on page 442.

Table 632.—Farms: Number and acreage, by States, 1970 and 1971

State	Farms		Land in farms	
	1970	1971 <sup>1</sup>	1970	1971 <sup>1</sup>
	Number	Number	1,000 acres	1,000 acres
Maine.....	10,000	9,700	2,350	2,300
New Hampshire.....	3,600	3,500	730	720
Vermont.....	7,200	7,100	2,220	2,200
Massachusetts.....	6,300	6,200	730	720
Rhode Island.....	900	900	90	90
Connecticut.....	4,700	4,600	600	600
New York.....	58,000	57,000	11,700	11,500
New Jersey.....	8,600	8,400	1,010	990
Pennsylvania.....	74,000	73,000	10,600	10,550
Ohio.....	112,000	111,000	17,400	17,300
Indiana.....	98,000	97,000	17,600	17,700
Illinois.....	126,000	124,000	29,500	29,300
Michigan.....	86,000	85,000	13,100	13,000
Wisconsin.....	112,000	110,000	20,400	20,200
Minnesota.....	125,000	122,000	32,100	32,000
Iowa.....	141,000	139,000	34,400	34,400
Missouri.....	143,000	141,000	33,200	33,000
North Dakota.....	42,000	41,000	42,000	42,000
South Dakota.....	46,500	45,500	45,500	45,500
Nebraska.....	73,000	71,000	48,100	48,100
Kansas.....	87,000	86,000	50,000	49,900
Delaware.....	3,700	3,600	700	690
Maryland.....	18,300	18,000	3,220	3,200
Virginia.....	72,000	71,000	11,500	11,400
West Virginia.....	29,000	28,000	5,100	5,000
North Carolina.....	158,000	156,000	16,000	16,000
South Carolina.....	52,000	51,000	8,300	8,200
Georgia.....	77,000	76,000	17,300	17,000
Florida.....	34,000	34,000	16,200	16,200
Kentucky.....	123,000	120,000	16,800	16,700
Tennessee.....	127,000	125,000	15,500	15,400
Alabama.....	86,000	84,000	14,700	14,500
Mississippi.....	95,000	93,000	17,500	17,400
Arkansas.....	74,000	74,000	17,900	17,900
Louisiana.....	53,000	52,000	12,200	12,200
Oklahoma.....	91,000	90,000	37,100	37,100
Texas.....	188,000	185,000	145,000	145,000
Montana.....	26,400	25,800	67,100	67,100
Idaho.....	28,500	28,200	15,500	15,500
Wyoming.....	8,400	8,200	37,000	37,000
Colorado.....	30,500	30,000	39,000	39,000
New Mexico.....	13,600	13,200	48,200	48,000
Arizona.....	5,900	5,800	43,300	43,200
Utah.....	14,500	14,500	13,300	13,400
Nevada.....	2,100	2,000	9,000	9,000
Washington.....	45,500	45,000	18,100	18,000
Oregon.....	40,000	39,500	20,900	20,900
California.....	58,000	56,000	36,800	36,600
48 States.....	2,919,200	2,871,700	1,116,550	1,113,660
Alaska <sup>2</sup> .....	310	310	1,835	1,835
Hawaii.....	4,500	4,300	2,340	2,340
United States.....	2,924,010	2,876,310	1,120,725	1,117,835

<sup>1</sup> Preliminary.<sup>2</sup> Exclusive of grazing land leased from U.S. Government, Alaska farmland totals about 70,000 acres.

Statistical Reporting Service.

Table 633.—Farm real estate: Value of farmland and buildings, by farm production regions, 1962-71<sup>1</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1962.....	7,575	10,690	31,590	14,816	10,450	8,614
1963.....	7,742	10,785	32,679	15,493	10,875	8,929
1964.....	8,048	11,142	34,528	16,343	11,446	9,648
1965.....	8,465	11,433	36,413	17,189	12,105	10,347
1966.....	8,763	12,019	40,410	18,557	12,696	10,842
1967.....	9,163	12,953	43,876	19,892	13,435	11,351
1968.....	9,582	13,681	46,066	21,317	14,168	11,973
1969.....	10,138	14,688	47,940	22,227	14,878	12,948
1970.....	10,956	15,284	48,360	22,220	15,279	13,627
1971.....	11,655	15,864	49,030	22,280	16,268	14,713

  

Year	Delta States	Southern Plains	Mountain	Pacific	48 States
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1962.....	8,218	16,732	12,070	19,203	137,956
1963.....	8,693	18,190	12,602	19,947	143,834
1964.....	7,488	19,089	13,206	21,183	152,121
1965.....	8,234	20,461	13,737	22,560	160,942
1966.....	9,304	21,397	14,578	23,965	172,532
1967.....	10,014	22,410	15,193	24,169	182,456
1968.....	10,951	24,088	15,806	25,442	193,703
1969.....	11,873	25,415	16,164	26,368	202,637
1970.....	12,717	26,672	16,599	26,499	208,214
1971.....	13,221	27,724	16,940	26,295	213,988

<sup>1</sup> As of Mar. 1. Values derived by multiplying the unrounded dollar values per acre by acres of land in farms. Acreages for 1959 and 1964 are from the Census of Agriculture. Acreages for years between censuses were obtained by straight-line interpolations. Acreages for 1965 and later years are projections based on the change in annual USDA estimates of land in farms.

Economic Research Service. Data for 1939-61 in *Agricultural Statistics, 1967*, table 635.

## FOOTNOTES FOR TABLE 631

<sup>1</sup> Data may not add to regional and U.S. totals because of rounding.

<sup>2</sup> Less than 500 acres.

<sup>3</sup> Not available.

<sup>4</sup> Excludes Alaska. Irrigated acreage in Alaska in 1959 was estimated at only 358 acres by Alaska Agricultural Experiment Station.

<sup>5</sup> Excludes Hawaii in 1954.

Economic Research Service. Data from the Census of Agriculture, U.S. Department of Commerce.

Table 634.—Farm real estate: Index numbers of average value per acre, by States and farm production regions, 1967-71<sup>1</sup>  
[1967-69 = 100]

State and region	1967	1968	1969	1970	1971	State and region	1967	1968	1969	1970	1971
Maine.....	141	153	166	173	181	South Carolina.....	166	181	204	204	224
New Hampshire.....	164	179	195	207	220	Georgia.....	207	225	262	289	321
Vermont.....	174	190	209	231	245	Florida.....	160	168	174	193	205
Massachusetts.....	160	170	182	200	212	Alabama.....	189	201	219	232	259
Rhode Island.....	172	186	201	214	227	Southeast.....	179	192	211	228	249
Connecticut.....	157	170	181	189	207	Mississippi.....	182	202	222	236	251
New York.....	145	155	168	181	195	Arkansas.....	212	232	254	271	273
New Jersey.....	154	169	186	209	223	Louisiana.....	195	208	220	237	252
Pennsylvania.....	160	171	188	214	230	Delta States.....	196	214	232	248	258
Delaware.....	182	192	202	218	244	Oklahoma.....	181	199	207	221	230
Maryland.....	187	201	218	243	262	Texas.....	172	184	195	204	212
Northeast.....	159	170	186	206	221	Southern Plains.....	174	188	196	206	216
Michigan.....	147	157	170	175	183	Montana.....	161	171	177	186	188
Wisconsin.....	138	146	160	174	190	Idaho.....	140	148	152	159	165
Minnesota.....	137	147	158	165	166	Wyoming.....	156	164	171	180	187
Lake States.....	140	149	162	170	178	Colorado.....	152	158	163	165	171
Ohio.....	144	153	159	168	174	New Mexico.....	166	169	171	177	181
Indiana.....	156	165	166	162	168	Arizona.....	138	141	140	140	136
Illinois.....	149	156	163	161	159	Utah.....	139	142	145	150	156
Iowa.....	147	155	163	166	171	Nevada.....	146	149	152	155	161
Missouri.....	172	188	203	211	223	Mountain.....	150	156	160	166	169
Corn Belt.....	152	160	168	170	174	Washington.....	139	150	160	165	164
North Dakota.....	158	169	183	187	191	Oregon.....	143	150	160	168	172
South Dakota.....	157	166	170	169	174	California.....	171	180	186	186	185
Nebraska.....	157	169	177	180	184	Pacific.....	163	172	179	181	180
Kansas.....	151	162	168	164	159	48 States.....	160	170	179	186	192
Northern Plains.....	155	166	173	173	173						
Virginia.....	159	167	174	192	209						
West Virginia.....	139	150	163	171	177						
North Carolina.....	158	169	180	177	182						
Kentucky.....	165	175	180	189	200						
Tennessee.....	173	185	199	210	223						
Appalachian.....	162	173	182	190	203						

<sup>1</sup> All farmlands with improvements as of Mar. 1.

Economic Research Service. See table 635 for data on 1967 = 100 basis.



Table 635.—Farm real estate: Index numbers of average value per acre, by State and farm production regions, 1966-71<sup>1</sup>

[1967=100]

State and region	1966	1968	1969	1970	1971	State and region	1966	1968	1969	1970	1971
Maine.....	93	109	117	123	133	South Carolina.....	93	109	123	123	135
New Hampshire.....	95	109	119	127	135	Georgia.....	90	109	127	140	155
Vermont.....	93	109	120	133	141	Florida.....	101	105	109	121	128
Massachusetts.....	94	106	114	125	132	Alabama.....	90	106	116	123	137
Rhode Island.....	92	108	117	125	132	Southeast.....	94	107	118	127	139
Connecticut.....	92	109	116	121	132	Mississippi.....	94	111	122	130	138
New York.....	93	107	116	125	135	Arkansas.....	95	109	120	128	129
New Jersey.....	96	110	121	136	145	Louisiana.....	90	107	113	121	129
Pennsylvania.....	94	107	118	134	144	Delta States.....	93	109	118	127	132
Delaware.....	92	106	111	120	134	Oklahoma.....	93	110	114	122	127
Maryland.....	92	107	116	129	140	Texas.....	96	107	113	119	123
Northeast.....	93	107	117	130	139	Southern Plains.....	95	108	114	119	124
Michigan.....	92	107	115	119	124	Montana.....	95	106	110	115	116
Wisconsin.....	91	106	116	126	138	Idaho.....	94	106	108	113	118
Minnesota.....	94	107	115	121	123	Wyoming.....	95	105	110	116	120
Lake States.....	92	107	116	122	128	Colorado.....	96	104	107	109	113
Ohio.....	93	106	110	116	121	New Mexico.....	96	102	103	106	109
Indiana.....	92	106	106	104	108	Arizona.....	98	102	102	101	99
Illinois.....	94	105	109	108	107	Utah.....	97	102	104	108	112
Iowa.....	89	106	111	115	116	Nevada.....	97	102	104	107	111
Missouri.....	89	108	118	123	129	Mountain.....	96	104	107	110	113
Corn Belt.....	92	106	111	112	115	Washington.....	94	108	115	119	118
North Dakota.....	94	107	116	118	121	Oregon.....	95	104	111	117	120
South Dakota.....	94	116	106	108	111	California.....	100	105	109	109	108
Nebraska.....	92	108	112	115	117	Pacific.....	99	106	110	111	111
Kansas.....	94	108	111	109	105	48 States.....	94	107	113	117	121
Northern Plains.....	93	107	112	112	112						
Virginia.....	93	105	109	120	131						
West Virginia.....	97	108	117	123	128						
North Carolina.....	94	107	115	113	122						
Kentucky.....	93	106	109	115	121						
Tennessee.....	94	107	116	122	129						
Appalachian.....	94	106	113	117	125						

<sup>1</sup> All farmlands with improvements as of Mar. 1.

Economic Research Service.

**Table 636.—Farm real estate: Index numbers of average value per acre, United States, 1954-71 <sup>1</sup>**

[1967-69 = 100]

Date	Index	Date	Index	Date	Index
1954:		1960:		1966:	
March.....	82	March.....	111	March.....	150
July.....	83	July.....	111	Nov.....	156
Nov.....	84	Nov.....	111	1967:	
1955:		1961:		March.....	160
March.....	85	March.....	112	Nov.....	166
July.....	87	July.....	114	1968:	
Nov.....	88	Nov.....	115	March.....	170
1956:		1962:		Nov.....	176
March.....	89	March.....	118	1969:	
July.....	90	July.....	120	March.....	179
Nov.....	92	Nov.....	121	Nov.....	183
1957:		1963:		1970:	
March.....	95	March.....	123	March.....	186
July.....	96	July.....	127	Nov.....	188
Nov.....	97	Nov.....	128	1971:	
1958:		1964:		March.....	192
March.....	99	March.....	131		
July.....	101	July.....	135		
Nov.....	103	Nov.....	136		
1959:		1965: <sup>2</sup>			
March.....	106	March.....	139		
July.....	108	Nov.....	144		
Nov.....	109				

<sup>1</sup> Land and buildings. Excludes Alaska and Hawaii.<sup>2</sup> Beginning 1965, data were not collected in July.Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 637. See table 635 for U.S. data on 1967 = 100 basis for March 1966-71.**Table 637.—Farm ownership transfers: Estimated number by various methods, per 1,000 of all farms, United States, years ending Mar. 15, 1954-71 <sup>1</sup>**

[Number per thousand]

Year	Voluntary sales	Foreclosures <sup>2</sup>	Tax sales	All other sales <sup>3</sup>	Total	Year	Voluntary sales	Foreclosures <sup>2</sup>	Tax sales	All other sales <sup>3</sup>	Total
1954.....	29.9	1.7	0.4	12.1	44.1	1963.....	28.5	1.2	0.4	14.7	44.8
1955.....	31.9	1.9	.4	12.4	46.6	1964.....	28.5	1.6	.4	14.6	45.1
1956.....	32.3	2.9	.6	14.4	50.2	1965.....	30.3	1.4	.4	14.3	46.4
1957.....	31.3	2.0	.7	13.7	47.7	1966.....	31.1	.9	.6	13.7	46.3
1958.....	31.2	1.7	.7	14.5	48.1	1967.....	30.9	.8	.2	12.6	44.5
1959.....	31.3	1.6	.4	14.8	48.1	1968.....	30.4	1.1	.2	12.5	44.2
1960.....	30.7	1.6	.6	14.2	47.1	1969.....	30.6	1.0	.3	12.6	44.5
1961.....	28.1	1.5	.5	14.5	44.6	1970.....	27.8	1.1	.....	12.0	40.9
1962.....	28.5	1.6	.6	15.2	45.9	1971.....	28.7	1.4	.....	12.7	42.8

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Includes foreclosures, assignments, bankruptcies, and related defaults.<sup>3</sup> Includes inheritances and gifts, administrators' and executors' sales, and miscellaneous or unclassified sales.Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 638.

Table 638.—Farm transfers: Number per 1,000 of all farms by type and farm production regions, years ending Mar. 15, 1962-71

(Number per thousand)

Type of transfer and year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States <sup>1</sup>
<b>Voluntary sales and trades:</b> <sup>2</sup>											
1962.....	31.5	30.2	27.4	20.9	21.5	26.8	26.5	30.3	38.5	53.4	28.5
1963.....	30.4	27.2	27.7	24.8	22.2	25.5	25.8	32.5	42.6	48.2	28.5
1964.....	29.9	33.6	31.1	22.7	24.2	22.0	28.4	32.2	40.5	56.3	30.3
1965.....	29.8	30.5	29.0	23.7	24.1	21.3	27.2	28.0	36.6	57.7	28.9
1966.....	32.0	34.6	33.1	25.4	24.5	21.8	27.5	32.8	40.3	53.8	31.1
1967.....	31.8	34.7	33.3	25.1	25.8	23.1	26.7	31.3	38.1	50.1	30.9
1968.....	33.7	35.7	32.2	26.4	25.2	22.3	26.5	29.5	37.6	45.4	30.4
1969.....	34.7	38.6	29.2	22.5	26.3	25.5	28.8	31.2	38.9	43.4	30.9
1970.....	34.6	38.2	25.6	21.9	26.3	23.5	23.7	28.1	38.1	38.5	27.8
1971.....	37.4	36.0	24.8	19.2	24.6	30.1	21.9	30.4	33.8	40.5	28.7
<b>Delinquent taxes:</b>											
1962.....	.6	.7	.2	.4	.8	.8	.9	.6	.5	.1	.6
1963.....	.7	.5	.1	.1	.6	.6	.1	.8	.4	.3	.4
1964.....	.6	.4	.2	.5	.8	.5	.2	.4	.7	.5	.4
1965.....	.4	.4	.5	.4	.4	.3	.1	.2	.3	.3	.4
1966.....	.6	.8	.7	.8	1.0	.2	.1	.4	.5	.5	.6
1967.....	.5	.1	.2	.3	.4	.2	.3	.1	.1	.2	.2
1968.....	.3	.4	.2	.1	.4	.1	.2	.1	.4	.5	.2
1969.....	.6	.8	.1	.4	.2	.1	.1	.1	.5	.6	.3
1970.....	.2								.5		
1971.....											
<b>Foreclosure of mortgages, bankruptcy, etc.</b>											
1962.....	1.6	1.9	1.5	.5	1.6	1.5	1.6	2.0	2.3	2.3	1.6
1963.....	1.5	1.6	.7	.4	1.0	1.1	.8	1.9	2.3	3.0	1.2
1964.....	1.7	2.3	1.5	.7	1.4	.8	1.6	1.6	2.5	3.0	1.6
1965.....	2.0	1.9	.9	1.2	1.4	1.2	2.2	.5	2.4	2.7	1.4
1966.....	1.3	1.0	.7	1.2	.8	.2	1.2	.3	2.1	2.2	.9
1967.....	1.0	.9	.3	.8	.6	1.1	.5	1.2	1.6	2.1	.8
1968.....	1.4	1.5	.8	.6	.6	.7	1.1	1.0	2.6	2.2	1.1
1969.....	1.4	1.1	.6	.6	.6	.9	1.0	.8	1.6	3.2	1.0
1970.....	1.3	1.8	.5	.5	1.7	.9	.5	.8	1.2	2.4	1.1
1971.....	2.2	1.5	1.2	1.1	.5	1.2	1.4	.7	2.1	4.4	1.4
<b>Inheritances and gifts:</b>											
1962.....	2.7	2.0	3.2	4.3	4.8	4.0	4.2	6.0	3.0	4.5	3.8
1963.....	3.2	1.9	3.0	3.6	4.7	4.4	3.9	5.7	2.7	4.4	3.7
1964.....	3.2	2.1	3.4	4.0	5.6	3.1	4.4	3.8	3.0	3.7	4.0
1965.....	1.5	1.3	3.4	2.6	4.5	5.3	4.4	4.8	2.4	3.2	3.4
1966.....	2.3	1.7	3.0	3.3	4.2	4.3	5.3	5.9	2.3	3.6	3.6
1967.....	2.8	1.6	4.1	4.0	5.9	5.2	4.7	6.5	2.5	4.5	4.3
1968.....	2.6	1.9	4.1	3.9	5.6	5.4	5.1	7.3	4.6	4.2	4.5
1969.....	3.2	2.5	4.0	5.7	6.2	6.3	3.5	5.9	3.3	3.7	4.6
1970.....	2.4	3.5	4.5	3.9	5.1	5.6	6.4	4.5	2.8	4.4	4.4
1971.....	4.3	2.1	4.9	4.2	4.7	7.2	4.9	5.5	4.0	4.3	4.7
<b>Administrators' and executors' sales:</b> <sup>3</sup>											
1962.....	8.4	8.1	12.0	11.0	10.8	10.5	7.5	12.8	7.4	9.4	10.2
1963.....	7.5	8.1	11.3	11.0	10.5	8.6	6.9	10.1	10.3	7.5	9.6
1964.....	8.1	8.8	12.3	10.5	10.6	8.1	5.1	10.0	7.8	6.6	9.4
1965.....	7.8	6.9	12.1	10.0	10.6	6.6	7.5	12.9	6.4	6.0	9.4
1966.....	6.7	7.5	12.1	11.3	8.8	7.9	7.9	8.6	7.6	6.1	9.0
1967.....	6.8	8.5	9.1	8.9	7.1	7.5	4.7	6.9	4.9	2.8	7.3
1968.....	5.6	6.2	8.5	8.7	7.1	6.7	5.4	7.7	6.7	4.5	7.0
1969.....	5.9	7.0	8.4	8.0	7.5	6.9	6.0	7.3	5.0	7.1	7.2
1970.....	6.3	4.5	7.2	7.4	8.1	7.5	4.1	6.6	5.2	4.3	6.5
1971.....	6.1	5.7	7.3	8.1	6.5	7.5	6.2	6.6	3.9	5.0	6.6
<b>Total, all classes:</b> <sup>4</sup>											
1962.....	45.7	43.2	45.1	38.5	40.4	44.2	42.5	55.3	54.1	70.2	45.9
1963.....	44.4	40.3	44.2	40.9	39.7	41.5	38.7	54.5	60.7	64.4	44.7
1964.....	44.4	48.4	49.3	39.8	42.8	33.6	40.6	53.2	56.5	71.8	46.9
1965.....	42.9	42.4	46.9	39.2	42.7	35.5	43.2	49.5	49.1	71.1	45.0
1966.....	44.3	46.5	50.4	36.2	40.2	34.8	43.3	51.2	54.2	68.6	46.3
1967.....	44.2	47.5	47.8	39.8	40.9	37.4	38.4	47.1	47.8	61.0	44.5
1968.....	44.8	46.6	46.6	40.5	39.1	35.8	40.4	47.1	52.9	52.6	44.2
1969.....	46.8	48.8	43.0	37.9	41.6	40.5	40.8	47.2	50.5	60.6	44.5
1970.....	45.4	49.1	38.6	34.9	36.5	39.9	37.4	44.4	45.2	49.9	40.9
1971.....	54.0	46.6	39.2	33.8	37.3	47.7	34.7	43.6	45.2	55.4	42.8

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Includes contracts to purchase, but not options.<sup>3</sup> Includes all other sales in settlement of estates.<sup>4</sup> Includes miscellaneous and unclassified.

Economic Research Service.

Table 639.—Deposits of country banks: Index numbers of total, demand, and time deposits, selected groups of States, 1954-69<sup>1</sup>

[1967 = 100]

Year	20 of the leading agricultural States <sup>2</sup>			3 Lake States <sup>3</sup>			5 Corn Belt States <sup>4</sup>			8 Cotton States <sup>5</sup>		
	Total	Demand	Time	Total	Demand	Time	Total	Demand	Time	Total	Demand	Time
1954.....	52	77	20	46	64	35	52	78	28	40	57	19
1955.....	53	79	21	48	66	37	53	79	29	42	59	20
1956.....	54	80	22	50	69	38	54	81	30	45	62	22
1957.....	56	80	26	52	70	40	56	82	33	46	62	26
1958.....	59	82	30	54	72	44	59	84	36	49	63	30
1959.....	62	85	34	57	74	47	61	86	39	53	67	35
1960.....	61	80	36	56	71	48	59	80	40	54	67	38
1961.....	63	81	40	58	73	49	62	81	44	57	68	43
1962.....	68	84	48	62	75	54	67	85	50	62	72	49
1963.....	72	87	56	67	77	60	72	88	57	68	76	56
1964.....	77	89	64	72	82	67	76	91	65	75	83	64
1965.....	83	93	73	80	88	75	84	95	74	83	89	73
1966.....	92	97	86	90	94	87	91	98	86	93	96	86
1967.....	100	100	100	100	100	100	100	100	100	100	100	100
1968.....	110	106	115	111	108	115	110	106	113	110	106	113
1969.....	118	111	129	120	114	124	116	110	123	118	108	127

  

Year	3 Delta States <sup>6</sup>			Texas-Oklahoma			4 Great Plains States <sup>7</sup>			8 Mountain States <sup>8</sup>		
	Total	Demand	Time	Total	Demand	Time	Total	Demand	Time	Total	Demand	Time
1954.....	35	50	16	55	89	10	56	89	19	52	76	26
1955.....	37	53	18	56	90	12	56	89	20	53	76	27
1956.....	40	57	20	57	90	14	55	86	20	54	76	30
1957.....	42	58	24	58	88	17	56	84	24	55	74	35
1958.....	47	59	28	62	92	22	61	88	29	59	76	39
1959.....	49	63	32	66	95	27	65	93	33	64	80	43
1960.....	51	64	36	65	92	30	63	87	35	64	78	46
1961.....	53	65	40	68	93	35	66	91	39	68	82	51
1962.....	58	68	47	73	95	44	70	91	47	71	84	56
1963.....	65	74	56	77	95	53	75	94	55	78	90	64
1964.....	72	80	64	80	95	61	79	93	63	84	93	73
1965.....	82	89	75	84	95	70	84	95	71	87	93	80
1966.....	91	95	87	91	96	84	92	97	84	92	95	89
1967.....	100	100	100	100	100	100	100	100	100	100	100	100
1968.....	110	107	113	110	105	116	111	104	117	104	101	112
1969.....	121	113	129	119	108	132	121	109	133	110	103	121

<sup>1</sup> Based on deposits of member banks of the Federal System located in places of less than 15,000 population. Prior to 1966, annual indexes are simple averages of monthly indexes, which are based on average amounts of daily deposits. Beginning 1966, the only data available were as of June 30 and Dec. 31. In preparing indexes for groups of States, the amounts of deposits for each State are weighted by the cash farm income of each State in the base period. Beginning December 1959, U. S. Government deposits are excluded from the data on which the indexes for demand deposits are based. This change in method of reporting slightly lowers the levels of the indexes. <sup>2</sup> Arkansas, Illinois, Indiana, Iowa, Kansas, Kentucky, Michigan, Minnesota, Missouri, Nebraska, New York, North Carolina, North Dakota, Ohio, Oklahoma, Pennsylvania, South Dakota, Texas, Washington, and Wisconsin. <sup>3</sup> Michigan, Wisconsin, and Minnesota. <sup>4</sup> Ohio, Indiana, Illinois, Missouri, and Iowa. <sup>5</sup> North Carolina, South Carolina, Georgia, Alabama, Mississippi, Arkansas, Louisiana, and Oklahoma. <sup>6</sup> Mississippi, Arkansas, and Louisiana. <sup>7</sup> North Dakota, South Dakota, Nebraska, and Kansas. <sup>8</sup> Montana, Idaho, Wyoming, Colorado, New Mexico, Arizona, Utah, and Nevada.

Economic Research Service.

Table 640.—Farm assets and claims: Comparative balance sheet of the farming sector, United States, Jan. 1, 1963-71<sup>1</sup>

Item	1963	1964	1965	1966	1967	1968	1969	1970	1971 <sup>2</sup>
<b>ASSETS</b>									
Physical assets:	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
Real estate.....	144.0	152.2	161.2	172.4	182.5	193.1	202.6	208.9	212.4
Non-real-estate:									
Livestock <sup>3</sup> .....	17.3	15.8	14.4	17.5	18.9	18.8	20.2	23.5	80.4
Machinery and motor vehicles.....	22.7	24.1	25.5	27.1	28.9	31.1	33.1	34.3	
Crops stored on and off farms <sup>4</sup> .....	9.2	9.9	8.9	9.7	10.0	9.6	10.6	10.8	
Household furnishings and equipment.....	9.0	8.8	8.6	8.6	8.4	8.7	9.6	10.1	
Financial assets:									
Deposits and currency.....	9.2	9.2	9.6	10.0	10.3	10.9	11.5	11.9	24.4
United States savings bonds.....	4.4	4.2	4.2	4.1	3.9	3.8	3.7	3.7	
Investments in cooperatives.....	5.3	5.7	6.0	6.5	6.9	7.4	7.8	8.2	
Total <sup>5</sup> .....	221.1	229.9	238.4	255.9	269.8	283.4	299.1	311.4	317.2
<b>CLAIMS</b>									
Liabilities:									
Real estate debt.....	15.2	16.8	18.9	21.2	23.3	25.5	27.1	28.4	29.2
Non-real-estate debt to—									
Commodity Credit Corporation <sup>6</sup> .....	2.1	1.9	1.5	1.4	1.2	1.4	2.7	2.7	1.8
Other reporting institutions <sup>7</sup> .....	8.5	9.5	10.0	11.1	12.4	13.7	14.5	15.8	
Nonreporting creditors <sup>8</sup> .....	6.0	6.7	7.1	7.9	8.8	9.8	10.3	11.2	
Total liabilities.....	31.8	34.9	37.5	41.6	45.7	50.4	54.6	58.1	60.4
Proprietors' equities.....	189.3	195.0	200.9	214.3	224.1	233.0	244.5	253.3	256.8
Total <sup>5</sup> .....	221.1	229.9	238.4	255.9	269.8	283.4	299.1	311.4	317.2

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Preliminary.<sup>3</sup> Horses and mules are excluded.<sup>4</sup> Includes all crops held on farms including crops under loan to Commodity Credit Corporation, and crops held off farms as security for CCC loans.<sup>5</sup> Total of rounded data.<sup>6</sup> Nonrecourse CCC loans secured by crops owned by farmers and included as assets in this balance sheet.<sup>7</sup> Loans of all operating banks, the production credit associations, the Farmers Home Administration, and discounts of the Federal intermediate credit banks for agricultural credit corporations and livestock loan companies.<sup>8</sup> Loans and credits extended by dealers, merchants, finance companies, individuals, and others.Economic Research Service. Data for 1950-62 in *Agricultural Statistics, 1967*, table 641.Table 641.—Production assets: Total used in agriculture, United States, Jan. 1, 1962-71<sup>1</sup>

Year	Total <sup>2</sup>	Average		Year	Total <sup>2</sup>	Average	
		Per farm worker	Per farm			Per farm worker	Per farm
	<i>Billion dollars</i>	<i>Dollars</i>	<i>Dollars</i>		<i>Billion dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1962.....	164.0	23,703	47,547	1967.....	214.5	41,121	72,925
1963.....	170.9	25,508	51,259	1968.....	226.1	46,094	79,214
1964.....	178.0	27,309	55,332	1969.....	237.7	50,100	85,700
1965.....	186.3	30,491	59,733	1970.....	247.5	53,800	92,200
1966.....	201.9	35,971	66,720	1971 <sup>3</sup> .....	254.9	56,300	96,500

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Includes farm real estate less value of operators' dwellings; machinery; motor vehicles less 60 per cent of the value of automobiles; inventory value of feed crops held for subsequent use on farms; and working capital needed to meet farm production expenses.<sup>3</sup> Preliminary.Economic Research Service. Data for 1940, 1950, 1955, and 1959-61 in *Agricultural Statistics, 1967*, table 642.

Table 642.—Livestock: Number and farm value, United States, Jan. 1, 1969-71

Class of livestock and poultry	Number on farms and ranches			Farm value					
				Per head <sup>2</sup>			Total		
	1969	1970	1971 <sup>1</sup>	1969	1970	1971 <sup>1</sup>	1969	1970	1971 <sup>1</sup>
	Thousands	Thousands	Thousands	Dollars	Dollars	Dollars	1,000 dollars	1,000 dollars	1,000 dollars
Cattle.....	109,885	112,303	114,568	158.00	180.00	185.00	17,394,068	20,170,700	21,146,490
Hogs <sup>3</sup> .....	60,632	56,655	67,540	30.50	39.00	23.40	1,851,596	2,208,504	1,578,677
All sheep.....	21,238	20,288	19,560	.....	.....	.....	468,761	506,816	462,906
Stock sheep.....	18,332	17,411	16,937	22.00	24.70	23.50	403,214	430,594	397,528
Total <sup>4</sup> .....	.....	.....	.....	.....	.....	.....	19,714,455	22,886,020	23,188,073
Chickens.....	419,635	433,640	442,783	1.21	1.35	1.20	506,100	583,824	537,352
Turkeys.....	6,604	6,769	7,462	4.95	5.80	5.30	32,739	37,205	39,590
Total <sup>5</sup> .....	.....	.....	.....	.....	.....	.....	20,253,294	23,507,049	23,765,015

<sup>1</sup> Preliminary.<sup>2</sup> Based on reporters' estimates of average price per head in their localities.<sup>3</sup> Dec. 1 of preceding year.<sup>4</sup> Includes cattle, hogs, and all sheep.<sup>5</sup> Includes cattle, hogs, all sheep, chickens, and turkeys.

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Table 643.—Motor vehicles: Number on farms, United States, Jan. 1, 1954-71 <sup>1</sup>

Year	Tractors		Motor-trucks	Auto-mobiles <sup>2</sup>	Year	Tractors		Motor-trucks	Auto-mobiles <sup>2</sup>
	Excluding garden	Including garden <sup>3</sup>				Excluding garden	Including garden <sup>3</sup>		
	Thousands	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands	Thousands
1954.....	4,243	4,558	2,610	.....	1963.....	4,730	5,230	2,925	.....
1955.....	<sup>4</sup> 4,345	4,677	<sup>5</sup> 2,675	<sup>6</sup> 4,140	1964.....	4,755	5,268	2,970	.....
1956.....	4,480	4,833	2,707	.....	1965.....	4,783	5,481	3,023	3,587
1957.....	4,570	4,945	2,745	.....	1966.....	4,800	5,525	3,060	.....
1958.....	4,620	5,020	2,775	.....	1967.....	4,815	5,565	3,100	.....
1959.....	4,673	5,098	2,800	.....	1968.....	4,822	5,592	3,130	.....
1960 <sup>4</sup> .....	4,685	5,135	2,825	3,629	1969.....	4,810	5,600	3,160	.....
1961.....	4,695	5,163	2,850	.....	1970.....	4,790	5,595	3,185	.....
1962.....	4,710	5,195	2,885	.....	1971 <sup>5</sup> .....	4,770	5,590	3,195	.....

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Motor tillers included after 1964.<sup>3</sup> Data for census periods only.<sup>4</sup> Census of Agriculture. Census dates November 1954, 1959, and 1964.<sup>5</sup> Census numbers reduced by estimates of numbers on farms not meeting the 1959 Census definition of a farm.<sup>6</sup> Preliminary.Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 644.



Table 644.—Specified machines: Number on farms, United States, Jan. 1, 1954-71<sup>1</sup>

Year	Grain combines	Cornpickers and picker-shellers	Farms with milking machines <sup>2</sup>	Year	Grain combines	Cornpickers and picker-shellers	Farms with milking machines <sup>2</sup>
	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands
1954.....	965	660	705	1963.....	940	720	.....
1955 <sup>3</sup> .....	980	688	712	1964.....	920	705	.....
1956.....	1,005	715	.....	1965 <sup>4</sup> .....	910	690	500
1957.....	1,015	740	.....	1966.....	895	675	.....
1958.....	1,030	755	.....	1967.....	880	655	.....
1959.....	1,045	775	.....	1968.....	870	640	.....
1960 <sup>3</sup> .....	1,042	792	666	1969.....	860	630	.....
1961.....	980	740	.....	1970.....	850	620	.....
1962.....	960	730	.....	1971 <sup>4</sup> .....	845	615	.....

<sup>1</sup> Excludes Alaska and Hawaii.<sup>2</sup> Beginning 1955, data for census periods only.<sup>3</sup> Census of Agriculture. Census dates November 1954, 1959, and 1964.<sup>4</sup> Preliminary.Economic Research Service. Data for 1910-53 in *Agricultural Statistics, 1967*, table 645.

Table 645.—Tractors: Number shipped by manufacturers and number shipped for domestic farm use, United States, 1955-70

Year	Total shipments				Shipments for domestic farm use			
	Wheel type <sup>1</sup>	Track-laying <sup>2</sup>	Garden <sup>3</sup>	Total	Wheel type <sup>1</sup>	Track-laying <sup>2</sup>	Garden <sup>3</sup>	Total
	Number	Number	Number	Number	Number	Number	Number	Number
1955.....	326,447	48,891	192,624	567,962	263,149	6,449	187,724	457,322
1956.....	222,581	55,417	203,231	481,229	170,421	6,408	195,409	372,238
1957.....	231,061	32,863	181,806	445,730	179,134	5,833	172,511	357,478
1958.....	239,161	28,450	227,073	494,684	188,100	3,990	215,386	407,476
1959.....	232,317	34,112	327,083	613,512	200,134	4,000	315,326	519,460
1960.....	156,041	24,460	416,455	596,956	116,182	2,302	403,759	522,213
1961.....	171,759	20,068	389,861	581,688	130,787	2,749	371,548	505,084
1962.....	180,705	19,809	421,833	631,347	146,348	2,045	402,249	550,642
1963.....	204,970	22,567	347,413	574,950	148,527	1,894	327,074	477,495
1964.....	204,210	26,896	416,486	647,592	142,247	1,923	397,390	541,500
1965.....	244,489	27,231	473,725	745,445	175,641	1,593	446,378	623,612
1966.....	270,034	28,590	507,606	806,230	197,163	.....	481,667	.....
1967.....	241,096	20,861	560,387	822,344	180,292	.....	533,982	.....
1968.....	211,809	22,509	583,265	817,583	151,946	.....	553,345	.....
1969.....	194,103	22,821	556,055	772,981	131,469	.....	534,545	.....
1970 <sup>4</sup> .....	172,771	19,104	.....	.....	.....	.....	.....	.....

<sup>1</sup> Contractors' off-highway type not included.<sup>2</sup> Tractors produced as integral units of tractor-shovel loaders not included after 1956.<sup>3</sup> Includes motor tillers. Includes all domestic uses; shipments for farm use unavailable.<sup>4</sup> Preliminary.Economic Research Service. Compiled from "Current Industrial Reports" of the U.S. Department of Commerce. Data for 1944-54 in *Agricultural Statistics, 1967*, table 646.

Table 646.—Farm machines, selected types: Units manufactured in the United States, 1960-69

Year	Tractor moldboard plows	One-way disk plows or tillers	Chisel plows or tillers (chisel or sweep type)	Field cultivators	Tractor cultivators <sup>1</sup>	Power sprayers and dusters	Hay crushers and field hay conditioners
	Number	Number	Number	Number	Number	Number	Number
1960.....	94,021	4,710	4,371	15,426	63,060	73,657	42,250
1961.....	76,526	3,582	6,057	11,669	55,660	52,455	31,402
1962.....	79,073	2,860	6,809	12,433	44,639	60,094	27,235
1963.....	83,798	4,068	11,674	14,594	54,551	70,344	17,945
1964.....	91,588	2,453	12,550	21,178	46,243	73,022	13,732
1965.....	88,914	3,645	9,732	27,418	52,012	72,545	17,183
1966.....	109,784	2,332	13,353	30,050	58,878	71,099	11,493
1967.....	95,936	2,565	17,777	29,088	61,724	65,691	7,037
1968.....	62,701	1,136	18,568	23,108	53,171	64,705	3,958
1969.....	42,818	1,500	20,141	22,583	34,628	43,976	2,372

  

Year	Side delivery hay rakes	Pick-up hay balers	Field forage harvesters	Combines (harvester threshers)	Corn pickers (field)	Corn picking units (combine attachments)	Cotton strippers
	Number	Number	Number	Number	Number	Number	Number
1960.....	41,732	49,119	23,709	30,165	27,101	11,474	4,561
1961.....	28,108	45,170	25,199	22,916	20,618	8,395	4,483
1962.....	31,839	42,878	22,157	24,799	22,412	7,208	4,160
1963.....	37,664	46,257	20,621	59,496	20,451	12,754	3,737
1964.....	42,297	50,975	25,510	37,705	18,495	18,237	2,561
1965.....	41,150	55,590	30,568	38,442	13,355	20,723	1,997
1966.....	43,005	49,212	29,801	46,728	13,232	25,576	1,750
1967.....	32,467	40,623	34,103	42,003	13,560	22,829	1,138
1968.....	20,266	33,384	23,646	31,443	13,797	18,616	878
1969.....	17,002	30,939	21,551	24,015	8,956	16,828	1,846

  

Year	Cotton pickers	Peanut combines	Potato harvesters	Manure spreaders	Power grinders and crushers	Silo <sup>2</sup> unloaders	Milking machines <sup>3</sup>
	Number	Number	Number	Number	Number	Number	Number
1960.....	6,257	1,363	799	44,901	15,949	7,472	28,532
1961.....	6,201	1,822	1,303	38,067	12,357	15,944	30,273
1962.....	5,056	2,010	765	44,612	15,940	18,755	29,002
1963.....	5,012	2,043	674	44,202	15,511	15,091	24,000
1964.....	3,984	2,417	748	30,099	12,357	14,760	22,392
1965.....	4,586	1,933	1,088	34,301	9,687	15,284	23,483
1966.....	1,159	1,995	1,785	37,410	10,773	24,569	20,504
1967.....	497	1,841	1,699	39,072	7,875	21,568	16,503
1968.....	( <sup>4</sup> )	1,780	737	35,867	5,818	24,897	13,822
1969.....	( <sup>4</sup> )	1,760	1,203	39,652	6,056	20,831	13,006

<sup>1</sup> Row cultivators, tractor-drawn or mounted; beet or field cultivators not included.<sup>2</sup> Beginning 1969, horizontal silo unloaders not included.<sup>3</sup> Includes only the number of vacuum-pump units for stationary and portable milking machines.<sup>4</sup> Withheld to avoid disclosing figures for individual companies.Agricultural Research Service. Compiled from reports of the U.S. Department of Commerce. Data for 1949-59 in *Agricultural Statistics, 1967*, table 647.

## FOOTNOTES FOR TABLE 646

<sup>1</sup> Average number of persons employed during 1 survey week each month. Survey weeks selected are the latest calendar week that excludes the last day of the month.<sup>2</sup> Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.<sup>3</sup> Includes all persons doing farm work for pay in survey weeks.

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Table 647.—Farm machines and equipment: Value of shipments, by classes, United States, 1960-69

Year	Total manufacturers' shipments <sup>1</sup>	Total shipped for exports <sup>1</sup>	Shipments for use in United States					
			Total	Plows and listers	Harrows, rollers, pulverizers, and stalk cutters	Planting and fertilizing machinery	Cultivators and weeders	Harvesting machinery
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1960.....	2,066,834	328,117	1,390,629	57,472	79,223	90,774	47,027	295,048
1961.....	2,119,944	323,849	1,509,432	59,449	77,520	89,595	45,103	282,486
1962.....	2,274,609	299,582	1,622,504	61,560	93,048	94,660	48,254	291,614
1963.....	2,558,908	400,094	1,777,794	70,852	108,861	104,389	55,883	344,012
1964.....	3,075,318	577,079	1,907,384	81,721	119,993	120,003	60,952	382,291
1965.....	3,501,874	629,886	2,201,410	88,292	125,168	129,370	65,803	432,942
1966.....	4,053,327	614,743	2,676,073	101,550	149,355	149,583	80,146	519,796
1967.....	4,010,835	490,731	2,746,071	105,072	168,585	156,258	86,474	526,543
1968.....	3,920,252	492,320	2,645,014	81,512	165,611	135,174	79,808	540,359
1969.....	3,868,031	497,237	2,824,461	71,908	147,529	144,191	64,176	476,720

Year	Shipments for use in United States—Continued								
	Haying machinery	Machines for preparing crops for market or use	Tractors for farm use	Farm wagons and trucks	Sprayers and dusters	Elevators and blowers	Dairy equipment	Poultry equipment	Barn and yard equipment
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1960.....	123,070	34,840	470,380	35,537	41,444	27,124	18,649	25,906	43,535
1961.....	108,947	47,594	581,553	37,275	36,977	25,788	27,501	32,929	56,815
1962.....	109,266	41,377	658,930	43,650	40,914	27,124	22,296	28,428	61,383
1963.....	114,558	50,217	693,333	46,833	42,868	26,298	15,853	39,234	64,603
1964.....	120,702	44,041	739,293	49,287	43,403	27,124	23,642	37,025	57,907
1965.....	129,422	55,483	912,746	48,471	47,744	33,643	27,948	40,267	64,111
1966.....	150,866	71,119	1,132,749	65,462	51,715	40,339	27,108	55,042	81,243
1967.....	135,962	92,386	1,144,843	67,025	52,146	38,123	30,300	58,441	83,913
1968.....	119,009	93,290	1,122,574	63,428	50,682	37,290	28,886	42,544	84,847
1969.....	132,751	73,181	1,071,508	69,628	53,513	30,231	34,150	60,168	94,807

<sup>1</sup> For agricultural, industrial, and military use.

Agricultural Research Service. Compiled from reports of the U.S. Department of Commerce. Data for 1949-59 in *Agricultural Statistics, 1967*, table 648.

Table 648.—Population: Total and farm, United States, April 1954-70<sup>1</sup>

Year	Total population <sup>2</sup>	Farm population		Year	Total population <sup>2</sup>	Farm population	
		Number	Percentage of total			Number	Percentage of total
	Thousands	Thousands	Percent		Thousands	Thousands	Percent
1954.....	161,761	19,019	11.8	1963.....	188,538	13,367	7.1
1955.....	164,607	19,078	11.6	1964.....	191,191	12,954	6.8
1956.....	167,509	18,712	11.2	1965.....	193,645	12,363	6.4
1957.....	170,496	17,656	10.4	1966.....	195,926	11,595	5.9
1958.....	173,367	17,128	9.9	1967.....	198,125	10,875	5.5
1959.....	<sup>2</sup> 176,551	16,592	9.4	1968.....	200,118	10,454	5.2
1960.....	180,007	15,635	8.7	1969.....	202,084	10,307	5.1
1961.....	182,976	14,803	8.1	1970.....	204,265	9,712	4.8
1962.....	185,843	14,313	7.7				

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii. <sup>2</sup> Total population figures include the Armed Forces overseas. <sup>3</sup> Includes Alaska.

Economic Research Service and the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 649.

Table 649.—Farm employment: Number of persons employed, by States, 1968-70<sup>1</sup>

State and division	Total employment			Family workers <sup>2</sup>			Hired workers <sup>3</sup>		
	1968	1969	1970	1968	1969	1970	1968	1969	1970
	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons	1,000 persons
Maine.....	22	20.9	19.7	14	13	12	8.0	7.9	7.7
New Hampshire.....	7.0	7.0	6.5	5.0	4.7	4.4	2.0	2.3	2.1
Vermont.....	15	14.7	14.6	12	11	11	3.0	3.7	3.6
Massachusetts.....	19	17.8	17.2	11	10.1	9.7	8.0	7.7	7.5
Rhode Island.....	3.0	2.1	2.0	2.0	1.3	1.3	1.0	.8	.7
Connecticut.....	14	13.8	12.8	8.0	7.8	7.2	6.0	6.0	5.6
New England.....	80	76.3	72.8	52	47.9	45.6	28	28.4	27.2
New York.....	101	100	98	74	73	73	27	27	25
New Jersey.....	23	21	20	10	10	9.0	13	11	11
Pennsylvania.....	121	115	115	104	99	98	17	16	17
Middle Atlantic.....	245	236	233	188	182	180	57	54	53
Ohio.....	157	151	147	138	135	129	19	16	18
Indiana.....	130	125	128	118	114	117	12	11	11
Illinois.....	167	163	160	141	138	134	26	27	26
Michigan.....	143	136	139	118	114	116	25	22	23
Wisconsin.....	203	197	193	183	178	174	20	19	19
East North Central.....	800	774	767	698	679	670	102	95	97
Minnesota.....	193	187	177	172	168	158	21	19	19
Iowa.....	217	214	210	189	187	183	28	27	27
Missouri.....	190	188	191	165	159	161	31	29	30
North Dakota.....	63	61	58	52	51	48	11	10	10
South Dakota.....	68	68	66	61	60	58	7.0	8.0	8.0
Nebraska.....	110	108	106	96	94	93	14	14	13
Kansas.....	117	111	108	102	96	94	15	15	14
West North Central.....	964	937	916	837	815	795	127	122	121
Delaware.....	7.0	7.0	7.0	4.0	4.0	4.0	3.0	3.0	3.0
Maryland.....	34	32	32	26	24	24	8.0	8.0	8.0
Virginia.....	120	116	111	89	86	84	31	30	27
West Virginia.....	39	37	37	33	32	32	6.0	5.0	5.0
North Carolina.....	260	247	241	192	184	180	68	63	61
South Carolina.....	85	79	78	63	59	58	22	20	20
Georgia.....	109	102	101	85	80	79	24	22	22
Florida.....	112	112	113	85	84	84	77	78	79
South Atlantic.....	766	732	720	527	503	495	239	229	225
Kentucky.....	172	158	152	138	130	124	34	28	28
Tennessee.....	161	149	153	130	123	124	31	26	29
Alabama.....	104	99	90	82	77	71	22	22	19
Mississippi.....	142	130	133	110	101	101	32	29	32
East South Central.....	579	536	528	460	431	420	119	105	108
Arkansas.....	138	146	137	85	83	78	53	63	59
Louisiana.....	92	85	76	57	54	49	35	31	27
Oklahoma.....	125	124	126	108	108	108	17	16	18
Texas.....	291	286	282	192	191	190	99	95	92
West South Central.....	646	641	621	442	436	425	204	205	196
Montana.....	40	40	39	29	29	28	11	11	11
Idaho.....	48	46	46	35	34	33	13	12	13
Wyoming.....	15	15	15	10	10	10	5.0	5.0	5.0
Colorado.....	58	57	58	38	35	36	20	22	22
New Mexico.....	25	24	23	16	15	15	9.0	9.0	8.0
Arizona.....	37	38	36	6.0	7.0	6.0	31	31	30
Utah.....	25	25	23	18	18	17	7.0	7.0	6.0
Nevada.....	4.8	4.5	4.8	2.4	2.5	2.5	2.4	2.0	2.3
Mountain.....	252.8	249.5	244.8	154.4	150.5	147.5	98.4	99	97.3
Washington.....	80	82	84	53	52	53	27	30	31
Oregon.....	70	69	68	48	47	46	22	22	22
California.....	266	263	268	76	76	71	190	187	197
Pacific.....	416	414	420	177	175	170	239	239	250
United States.....	4,748.8	4,595.8	4,522.6	3,535.4	3,419.4	3,348.1	1,213.4	1,176.4	1,174.5

See footnotes on page 451.

Table 650.—Farm employment: Average number of persons employed and indexes, United States, 1954-70<sup>1</sup>

Year	Total employment			Family workers <sup>2</sup>			Hired workers <sup>3</sup>		
	Average number of persons	Index 1910-14 = 100	Index 1967 = 100	Average number of persons	Index 1910-14 = 100	Index 1967 = 100	Average number of persons	Index 1910-14 = 100	Index 1967 = 100
1954.....	1,000 persons			1,000 persons			1,000 persons		
1955.....	8,651	64	178	6,570	65	180	2,081	61	161
1956.....	8,381	62	172	6,345	62	172	2,036	60	158
1957.....	7,852	58	161	5,900	58	161	1,952	57	150
1958.....	7,600	56	156	5,660	56	156	1,940	57	150
1959.....	7,503	55	153	5,521	54	150	1,982	58	153
1960.....	7,342	54	150	5,390	53	147	1,952	57	150
1961.....	7,057	52	144	5,172	51	142	1,885	55	145
1962.....	6,919	51	142	5,029	49	136	1,890	56	147
1963.....	6,700	49	136	4,873	48	133	1,827	54	142
1964.....	6,518	48	133	4,738	47	131	1,780	52	136
1965.....	6,110	45	125	4,506	44	122	1,604	47	124
1966.....	5,610	41	114	4,128	41	114	1,482	44	116
1967.....	5,214	38	106	3,854	38	106	1,360	40	105
1968.....	4,903	36	100	3,650	36	100	1,253	37	100
1969.....	4,748.8	35	97	3,535.4	35	97	1,213.4	36	95
1970.....	4,595.8	34	94	3,419.4	34	94	1,176.4	35	92
1970.....	4,522.6	33	92	3,348.1	33	92	1,174.5	35	92

<sup>1</sup> Average number of persons employed during 1 survey week each month. Survey weeks selected are the latest calendar week that excludes the last day of the month.

<sup>2</sup> Includes farm operators doing 1 or more hours of farm work and members of their families working 15 hours or more during the survey week without cash wages.

<sup>3</sup> Includes all persons doing farm work during the survey week for pay.

Statistical Reporting Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 651.

Table 651.—Number of different persons who did any farm wage work during the year, average days worked and wages earned, United States, selected years, 1954-70<sup>1</sup>

Year	All farm wage workers			Workers with 25 days or more of farm wage work during the year				
	Total	Male	Female	Number of farm wage workers	Average days worked		Average wages earned during year	
					At farm and nonfarm wage work	At farm wage work	At farm and nonfarm wage work	At farm wage work
	Thousands	Thousands	Thousands	Thousands	Days	Days	Dollars	Dollars
1954.....	3,009	2,237	772	1,908	168	142	981	799
1956.....	3,575	2,525	1,050	2,078	159	136	989	799
1957.....	3,962	2,765	1,197	2,200	144	125	892	738
1958.....	4,212	2,987	1,225	2,319	150	128	961	766
1959.....	3,577	2,570	1,007	2,166	161	138	1,038	829
1960.....	3,693	2,664	1,029	2,162	167	139	1,125	879
1961.....	3,488	2,445	1,043	1,889	156	134	1,054	881
1962.....	3,622	2,551	1,071	2,067	160	134	1,164	913
1963.....	3,597	2,615	983	1,862	158	138	1,087	883
1964.....	3,370	2,398	972	2,001	156	129	1,213	933
1965.....	3,128	2,205	923	1,864	165	137	1,316	1,045
1966.....	2,763	2,051	712	1,634	171	138	1,605	1,188
1967.....	3,078	2,261	817	1,740	172	142	1,761	1,389
1968.....	2,919	2,111	808	1,620	162	135	1,793	1,434
1969.....	2,571	1,907	665	1,466	163	131	1,886	1,406
1970.....	2,488	1,889	599	1,394	170	137	2,044	1,519

<sup>1</sup> Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year. No survey conducted in 1955. This series differs from the hired worker series shown in table 650 which gives an annual average based on employment during the last week of each month.

<sup>2</sup> Beginning 1960, includes Alaska and Hawaii.

Economic Research Service. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economic Research Service. Data for 1945-52 in *Agricultural Statistics, 1967*, table 652.

Table 652.—Migratory farm workers: Number and sex of workers, average days worked and wages earned<sup>1</sup>, United States, selected years, 1954-70<sup>1</sup>

Year	All migratory farm workers			Migratory workers with 25 days or more of farm wage work				
	Total	Male	Female	Number of workers	Average days worked		Average wages earned during year	
					At farm and nonfarm wage work	At farm wage work	At farm and nonfarm wage work	At farm wage work
					Days	Days	Dollars	Dollars
1954.....	365	273	92	277	156	124	1,033	794
1955.....	427	314	113	301	143	116	1,178	835
1956.....	427	306	121	336	131	115	859	745
1957.....	477	359	118	346	143	119	911	710
1958 <sup>2</sup> .....	409	315	94	317	157	123	1,016	819
1959.....	395	308	87	296	136	109	902	677
1960.....	380	286	94	288	141	116	1,123	874
1961.....	386	318	69	278	127	110	868	657
1962.....	386	280	107	272	155	120	1,081	1,083
1963.....	466	334	132	300	149	122	1,474	1,192
1964.....	351	249	104	275	160	121	1,779	1,307
1965.....	276	204	71	194	145	117	1,535	1,266
1966.....	279	205	74	178	148	120	1,711	1,385
1967.....	257	201	55	172	152	113	1,937	1,293
1968.....	196	161	35	135	148	123	2,007	1,697

<sup>1</sup> Data relate to persons 14 years of age and over in the civilian noninstitutional population at or near the end of the year. Estimates not available for all intervening years. Migratory workers are those who leave their homes temporarily to do farm wage work in another county or counties. Does not include foreign nationals brought into the United States to do farm work who have left the country before the time of the survey.

<sup>2</sup> Beginning 1960, includes Alaska and Hawaii.

Economic Research Service. Based on data from enumerative sample surveys made by the U.S. Department of Commerce for the Economic Research Service. Data for 1949 and 1952 in *Agricultural Statistics, 1967*, table 653.

Table 653.—Farm wage rates: Average by classes and index numbers, by geographic divisions 1970, United States, 1961-70<sup>1</sup>

Year and division <sup>1</sup>	Per month		Per week		Per day			Per hour		Index numbers of composite wage rates <sup>2</sup>
	With house	With board and room	With board and room	With-out board or room	With house	With board and room	With-out board or room	With house	With-out board or room	
1970	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	
New England.....	336.00	257.00	66.75	92.75	-----	-----	15.40	-----	1.93	125
Middle Atlantic.....	343.00	243.00	67.00	87.00	-----	-----	13.60	-----	1.74	120
East North Central.....	337.00	249.00	-----	-----	-----	11.40	14.00	-----	1.72	121
West North Central.....	330.00	257.00	-----	-----	-----	11.60	14.30	-----	1.66	114
South Atlantic.....	-----	-----	-----	-----	9.50	-----	10.70	1.24	1.38	157
East South Central.....	-----	-----	-----	-----	7.80	-----	9.40	1.12	1.36	133
West South Central.....	-----	-----	-----	-----	10.80	-----	11.70	1.25	1.37	134
Mountain.....	360.00	264.00	-----	-----	-----	-----	13.80	-----	1.60	103
Pacific.....	437.00	326.00	-----	-----	-----	-----	-----	1.81	1.90	104
United States:										
1961.....	195.00	151.00	35.75	46.50	5.30	6.50	6.60	.90	.99	76
1962.....	200.00	155.00	37.00	47.75	5.60	6.70	6.90	.92	1.01	78
1963.....	206.00	159.00	37.50	48.50	5.70	6.90	7.10	.94	1.05	80
1964.....	212.00	162.00	38.50	49.50	5.90	7.10	7.30	.97	1.08	82
1965.....	223.00	170.00	40.25	51.50	6.20	7.40	7.60	1.03	1.14	86
1966.....	243.00	184.00	43.50	55.75	6.70	8.00	8.20	1.10	1.23	94
1967.....	262.00	200.00	47.50	60.50	7.50	8.60	9.00	1.18	1.33	100
1968.....	283.00	216.00	52.50	66.50	8.20	9.30	9.90	1.28	1.44	110
1969.....	307.00	234.00	56.75	73.00	9.00	10.10	10.90	1.42	1.55	121
1970.....	328.00	251.00	60.75	78.00	9.80	10.70	11.70	1.50	1.64	129

<sup>1</sup> Certain rates are not published for regions where they are relatively unimportant but are estimated and used in computing the U.S. annual averages.

<sup>2</sup> For States included in divisions, see table 649.

<sup>3</sup> Calendar year 1967 equals 100. Composite Wage Rate Index does not include piece rate workers.

Statistical Reporting Service. Data for 1948-60 in *Agricultural Statistics, 1967*, table 654.



Table 654.—59 principal crops: Total planted and harvested acreage, United States, 1954-70

Year	59 crops planted or grown <sup>1</sup>	59 crops harvested <sup>2</sup>	Year	59 crops planted or grown <sup>1</sup>	59 crops harvested <sup>2</sup>	Year	59 crops planted or grown <sup>1</sup>	59 crops harvested <sup>3</sup>
	1,000 acres	1,000 acres		1,000 acres	1,000 acres		1,000 acres	1,000 acres
1954.....	354,776	338,184	1960.....	324,470	315,818	1966.....	297,617	287,725
1955.....	353,715	331,902	1961.....	308,594	294,334	1967.....	315,885	300,446
1956.....	343,359	316,244	1962.....	299,851	285,830	1968.....	308,092	295,090
1957.....	330,871	315,564	1963.....	305,977	289,928	1969.....	299,448	286,665
1958.....	325,592	315,712	1964.....	303,252	290,462	1970 <sup>3</sup> .....	300,698	289,496
1959.....	329,378	316,308	1965.....	304,321	290,958			

<sup>1</sup> Includes harvested acreage of crops for which separate planted estimates are not available. See footnote 6 in table 655.

<sup>2</sup> For crops included, see footnote 5 in table 656.

<sup>3</sup> Preliminary.

Statistical Reporting Service. Data for 1909-53 in *Agricultural Statistics, 1967*, table 655.

## FOOTNOTES FOR TABLE 656

<sup>1</sup> Does not include Alaska and Hawaii.

<sup>2</sup> Estimates discontinued.

<sup>3</sup> Preliminary.

<sup>4</sup> Asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers, green peas, spinach, and tomatoes.

<sup>5</sup> Artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons (included lima beans, beets, kale, green peas, and shallots, through 1968). Excludes farm gardens. Acreage for harvest: prior to 1967, included mature acreage abandoned or only partially harvested because of low prices or other economic factors.

<sup>6</sup> Totals are for crops shown in preceding columns. Alfalfa seed, red clover seed, alsike clover seed (through 1963), and lespedeza seed are included in the count of crops, but the acreage is not included because it is mostly duplicated in the hay acreage; the acreage of peanut hay, largely duplicated in peanuts harvested for nuts, has been deducted. Other crops not included are hops, various legumes and other crops harvested by livestock, minor crops, and fruits and nuts. The acreage shown includes some crops harvested in succession from the same land.

<sup>7</sup> Commercial apples, peaches, pears, grapes, cherries, plums, prunes, apricots, figs, nectarines, olives, avocados, dates, persimmons, pomegranates, oranges, tangerines, grapefruit, lemons, limes, tangelos (beginning with the 1955 crop), temples, walnuts, almonds, and filberts.

Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 657.

Table 655.—Principal crops: Planted acreage, United States, 1954-70<sup>1</sup>

Year	Corn, all	Oats <sup>2</sup>	Barley <sup>3</sup>	Sor- ghums <sup>4</sup>	Wheat				Buck- wheat	Rice
					Winter <sup>4</sup>	Durum	Other spring	All <sup>5</sup>		
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1954.....	82,185	46,898	14,740	20,148	46,617	1,637	14,285	62,539	177	2,605
1955.....	80,932	47,494	16,293	23,921	44,297	1,385	12,564	58,246	126	1,846
1956.....	77,828	44,205	14,732	21,384	44,418	2,489	13,748	60,655	116	1,602
1957.....	73,180	41,840	16,308	26,886	37,420	2,370	10,053	49,843	113	1,370
1958.....	73,351	37,699	16,150	20,675	43,674	938	11,405	56,017	101	1,439
1959.....	82,742	35,064	16,766	19,508	43,615	1,217	11,874	56,706	81	1,607
1960.....	81,425	31,419	15,527	19,598	42,725	1,681	10,500	54,906	56	1,614
1961.....	65,919	32,314	15,623	14,294	43,489	1,788	10,430	55,707	59	1,618
1962.....	65,017	29,500	14,380	15,060	38,895	2,434	7,945	49,274	61	1,789
1963.....	68,771	28,054	13,452	17,516	42,289	2,054	9,021	53,364	51	1,785
1964.....	65,823	25,634	11,632	16,770	43,632	2,519	9,521	55,672	57	1,797
1965.....	65,119	24,010	10,099	17,079	45,142	2,361	9,898	57,361	.....	1,804
1966.....	66,306	23,301	11,134	16,372	42,974	2,491	8,930	54,395	.....	1,980
1967.....	71,093	20,646	10,002	19,007	54,127	2,826	10,843	67,790	.....	1,982
1968.....	65,126	23,166	10,477	18,014	49,267	3,679	9,540	62,486	.....	2,367
1969.....	64,476	23,352	10,311	17,457	43,094	3,397	7,788	54,279	.....	2,141
1970 <sup>6</sup> .....	67,171	24,492	10,435	17,292	38,408	2,091	9,059	49,558	.....	1,825

  

Year	Flax- seed <sup>7</sup>	Cotton	Beans, dry edible	Peas, dry field	Potatoes <sup>2</sup>	Sweet- potatoes	Sugar- beets <sup>2</sup>	Harvested acreage of other crops <sup>8</sup>	59 crops planted or grown <sup>7</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1954.....	5,947	20,052	1,668	279	1,431.2	342.5	964	94,890	354,776
1955.....	5,148	17,991	1,602	335	1,451.8	352.0	798	97,179	353,715
1956.....	5,786	17,077	1,476	387	1,391.6	281.2	831	95,607	343,359
1957.....	5,481	14,310	1,451	315	1,403.6	280.1	916	97,084	330,871
1958.....	3,862	12,379	1,660	248	1,460.8	260.7	935	99,354	325,592
1959.....	3,268	15,833	1,517	368	1,353.6	296.8	955	93,366	329,401
1960.....	3,437	16,080	1,438	325	1,399.8	193.8	976	96,075	324,470
1961.....	2,975	16,588	1,445	358	1,511.0	187.4	1,129	98,867	308,594
1962.....	3,102	16,293	1,465	357	1,377.9	207.9	1,182	100,875	299,851
1963.....	3,379	14,843	1,404	335	1,337.4	177.7	1,285	100,223	305,977
1964.....	2,965	14,835	1,442	314	1,311.3	155.6	1,459	103,364	303,251
1965.....	2,868	14,152	1,556	232	1,418.9	172.2	1,314	107,136	304,321
1966.....	2,679	10,349	1,521	252	1,497.1	161.0	1,240	106,430	297,617
1967.....	2,061	9,448	1,290	244	1,496.8	149.2	1,197	109,473	315,885
1968.....	2,183	10,912	1,484	254	1,409.8	151.3	1,476	108,586	308,092
1969.....	2,673	11,882	1,544	311	1,455.6	151.9	1,647	94,985	299,448
1970 <sup>6</sup> .....	3,004	11,942.2	1,530	316	1,452.7	145.8	1,475	98,858	300,698

<sup>1</sup> Does not include Alaska and Hawaii.<sup>2</sup> Includes acreage planted in preceding fall for harvest in the year shown.<sup>3</sup> Grain and sweet sorghums for all uses, including sirup, through 1959; excluding sirup beginning 1960.<sup>4</sup> Acreage seeded in preceding fall.<sup>5</sup> Preliminary.<sup>6</sup> Included are the following: Rye, hay, sweetclover seed, timothy seed, soybeans for beans, cowpeas for peas (through 1967), peanuts harvested for nuts, tobacco, sugarcane, broomcorn, and commercial vegetables (for processing: asparagus, lima beans, snap beans, beets, cabbage (sauerkraut), sweet corn, cucumbers, green peas, spinach, and tomatoes; for fresh market: artichokes, asparagus, snap beans, broccoli, brussels sprouts, cabbage, cantaloups, carrots, cauliflower, celery, sweet corn, cucumbers, eggplant, escarole, garlic, honeydew melons, lettuce, onions, green peppers, spinach, tomatoes, and watermelons (included lima beans, beets, kale, green peas, and shallots, through 1968)). The addition or dropping of crops practically has little effect on the total. Alfalfa seed, red clover seed, alsike clover seed (through 1963), and lespedeza seed are included in the count of crops, but the acreage is not included because it is mostly duplicated in the hay acreage; the acreage of peanut hay, largely duplicated in peanuts harvested for nuts, has been deducted. The harvested instead of the planted acreage of rye is included because most of the rye acreage not harvested is planted to other crops or used for pasture. Excludes grain cuts for hay because part of the acreage shown as planted to wheat, oats, and barley is included in grain hay.<sup>7</sup> Includes crops listed separately in this table, plus those mentioned in footnote 6. (Sorghums counted as 3 crops—grain, forage, and sirup.)Statistical Reporting Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 656.

Table 656.—Principal crops: Harvested acreage, United States, 1954-70<sup>1</sup>

Year	Corn, all	Oats	Barley	Sorghum grain	Total, 4 feed grains	Wheat	Rye	Buck- wheat	Rice	Total, 4 food grains	Flax- seed	Cot- ton
	<i>J, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>
1954.....	80,186	40,551	13,370	11,718	145,825	64,356	1,795	150	2,550	88,851	5,662	19,251
1955.....	79,367	39,027	14,523	12,891	145,808	47,290	2,049	107	1,826	51,272	4,914	16,928
1956.....	75,247	33,333	12,852	9,209	130,641	49,768	1,624	100	1,560	53,061	5,473	15,615
1957.....	71,864	34,065	14,872	10,682	140,483	43,754	1,718	98	1,340	46,910	4,703	13,558
1958.....	72,224	31,247	14,791	16,524	134,786	53,047	1,797	86	1,415	56,345	3,679	11,849
1959.....	81,902	27,758	14,869	15,406	139,935	51,716	1,457	60	1,586	54,819	2,932	15,117
1960.....	80,678	26,588	13,856	15,601	136,723	51,879	1,688	48	1,595	55,210	3,342	15,309
1961.....	65,405	23,886	12,214	11,571	113,082	51,571	1,543	46	1,589	54,749	2,514	15,634
1962.....	64,474	22,877	12,271	11,571	110,636	43,688	1,981	41	1,773	47,483	2,808	15,569
1963.....	68,317	21,308	11,236	13,326	114,187	45,506	1,588	45	1,771	48,910	3,172	14,212
1964.....	65,388	19,759	10,277	11,742	107,166	49,762	1,696	50	1,786	53,294	2,825	14,055
1965.....	64,565	18,479	9,144	13,029	105,217	49,560	1,469	(?)	1,793	52,822	2,775	13,615
1966.....	65,828	17,861	10,205	12,813	106,707	49,867	1,275	-----	1,967	53,109	2,576	9,552
1967.....	69,978	16,017	9,177	14,999	110,171	58,771	1,071	-----	1,970	61,812	1,975	7,997
1968.....	64,603	17,533	9,709	13,995	105,840	55,262	1,014	-----	2,353	58,629	2,098	10,160
1969.....	64,476	17,930	9,531	13,525	105,462	47,577	1,346	-----	2,128	51,051	2,616	11,058
1970 <sup>2</sup> .....	67,171	18,580	9,642	13,751	109,144	44,306	1,486	-----	1,815	47,607	2,888	11,167.8

Year	Hay, all	Sorghum		Sweet- clover seed	Timothy seed	Beans, dry edible	Peas, dry field	Soy- beans for beans	Cow- peas for peas	Pea- nuts har- vested for nuts	Total, 5 annual legumes
	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>
1954.....	73,721	5,053	1,359	266.1	251.0	1,533	259	17,047	267	1,387	20,493
1955.....	74,956	6,142	1,758	254.3	318.5	1,502	300	18,620	343	1,669	22,434
1956.....	72,292	6,136	1,463	220.0	206.5	1,423	366	20,620	211	1,384	24,004
1957.....	71,912	3,961	1,989	187.6	277.0	1,379	294	20,857	188	1,481	24,199
1958.....	70,547	2,118	1,418	149.1	191.5	1,616	223	23,993	179	1,516	27,527
1959.....	66,266	2,265	1,347	136.4	317.5	1,435	348	22,631	188	1,435	26,037
1960.....	67,313	2,163	1,386	130.5	288.0	1,400	301	23,555	140	1,398	30,894
1961.....	67,376	1,701	1,305	93.5	164.0	1,414	336	27,003	127	1,396	31,821
1962.....	67,563	1,960	1,227	110.5	156.5	1,414	343	27,608	129	1,397	33,964
1963.....	66,428	2,385	1,273	137.2	161.0	1,370	315	28,615	125	1,396	31,821
1964.....	67,375	2,809	1,200	120.8	202.5	1,388	297	30,793	89	1,397	33,964
1965.....	67,684	2,376	1,195	77.6	196.5	1,484	223	34,440	102	1,435	37,693
1966.....	65,140	2,064	1,089	73.0	221.5	1,486	239	36,546	87	1,418	39,776
1967.....	64,667	2,381	1,031	57.4	181.5	1,211	234	39,767	93	1,402	42,707
1968.....	62,693	2,617	902	45.8	134.5	1,434	244	41,104	(?)	1,436	44,218
1969.....	62,053	2,759	775	65.0	164.0	1,490	299	40,982	-----	1,451	44,222
1970 <sup>2</sup> .....	63,234	2,312	744	63.5	152.0	1,428	290	42,447	-----	1,467	45,632

Year	Potatoes	Sweet potatoes	Commercial vegetables		Tobacco	Sugar- beets	Sorghum for syrup	Sugar- cane, all	Broom- corn	59 crops har- vested <sup>4</sup>	Fruits and nuts (bearing acre- age) <sup>7</sup>
	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>	<i>1, 000 acres</i>
1954.....	1,412.6	332.1	1,708	2,076	1,667.5	876	43	329.3	260	338,194	2,982.9
1955.....	1,405.0	341.6	1,694	2,027	1,495.4	740	46	302.9	315	331,902	2,946.7
1956.....	1,371.0	275.8	1,812	1,978	1,363.5	785	35	271.2	202	316,244	2,983.0
1957.....	1,359.0	273.8	1,741	1,945	1,121.8	878	31	291.1	273	315,564	2,851.1
1958.....	1,426.4	255.5	1,630	1,982	1,152.8	891	29	288.2	192	315,712	2,809.0
1959.....	1,330.7	256.6	1,572	1,813	1,077.9	905	23	332.5	169	316,331	2,806.6
1960.....	1,386.2	190.7	1,568	1,813	1,141.5	967	(?)	342.5	143	315,818	2,818.2
1961.....	1,480.2	183.2	1,718	1,738	1,174.4	1,077	-----	366.9	132	294,334	2,811.1
1962.....	1,347.1	202.6	1,715	1,698	1,224.1	1,103	-----	410.3	163	285,830	2,854.5
1963.....	1,323.0	170.8	1,605	1,701	1,175.7	1,235	-----	473.6	178	289,928	2,785.8
1964.....	1,271.9	151.2	1,605	1,666	1,077.8	1,395	-----	576.2	159	280,462	2,800.2
1965.....	1,363.5	168.5	1,645	1,644	976.9	1,248	-----	511.1	176	290,958	2,850.6
1966.....	1,464.0	156.8	1,807	1,614	973.9	1,161	-----	515.7	128	287,725	2,887.7
1967.....	1,457.3	146.6	1,940	1,632	959.8	1,122	-----	516.7	108	300,446	2,958.7
1968.....	1,377.6	149.0	2,012	1,577	880.2	1,410	-----	493.8	111	295,099	3,036.2
1969.....	1,413.4	145.6	1,717	1,629	919.9	1,541	-----	417.1	106	286,665	3,107.1
1970 <sup>2</sup> .....	1,424.7	137.6	1,612	1,598	998.3	1,415	-----	466.0	97	289,496	3,202.2

See footnotes on page 456.

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Table 657.—Crops: Acreage, production, and farm value, United States, 1968-70

Crop	Acreage planted			Acreage harvested			Production			Farm value		
	1968	1969	1970 *	1968	1969	1970 *	Unit	1968	1969	1970 *	1968	1969
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres		Thous. bushels	Thous. bushels	Thous. bushels	1,000 dollars	1,000 dollars
Corn, all	65,126	64,476	67,171	55,890	54,598	57,359	Bushel	4,393,273	4,582,534	4,108,792	4,765,061	5,289,754
Corn, grain												
Corn, silage												
Wheat, all	162,486	154,270	149,558	7,833	7,910	8,182	Ton	92,080	98,506	94,206	1,951,515	1,815,732
Winter	49,267	43,094	48,408	55,262	47,577	44,306	Bushel	1,576,251	1,460,187	1,378,465	1,389,535	1,472,535
Durum	3,079	3,397	2,091	42,428	36,723	33,453	do	1,255,063	1,147,194	1,118,039	1,482,694	1,472,535
Other spring	9,940	7,788	9,099	3,970	3,304	2,018	do	99,501	106,087	80,522	148,191	130,535
Oats	23,166	23,532	24,422	9,294	17,524	8,535	do	831,229	806,006	809,481	566,527	577,130
Barley	10,147	10,351	10,339	17,709	16,531	16,642	do	422,959	423,547	38,552	368,814	374,461
Rye	2,183	2,073	3,004	1,014	1,346	1,486	do	23,365	31,583	38,552	34,016	32,006
Rye, feed	2,367	2,141	1,825	2,353	2,128	1,815	Cwt.	27,067	35,122	29,970	75,930	92,902
Rice	188	191	146	13,995	182	134	Pound	104,075	90,838	82,859	520,859	445,940
Sorghum grain	10,912	11,882	11,942	962	2,779	2,312	Bushel	466,348	545,685	322,768	13,001	13,833
Sorghum forage								739,065	747,280	697,050	690,188	794,969
Cotton lint							Ton	9,707	9,089	7,527	1,232,021	1,054,981
Cottonseed							Bushel	10,948	10,099	10,270	1,232,021	1,054,981
Hay, all							Bale	4,640	4,088	4,083	234,492	172,030
Alfalfa							Ton	125,522	127,675	127,899	2,864,426	3,101,110
Red clover												
Sweetclover												
White clover												
Ladino clover												
Lespedeza												
Orchardgrass												
Timothy												
Tall fescue (Ky. 31 and Alta)												
Crimson clover												
Hairy vetch												
All ryegrass												
Beans, dry edible												
Peas, dry field												
Soybeans for beans												
Soybeans harvested for nuts												
Peanut oil												
Sesame seed												
Soybeans												
Tobacco												
Supernut for sugar and seed												

See footnotes at end of table.

Table 657.—Crops: Acreage, production, and farm value, 1968-70 —Continued

Crop	Acreage planted			Acreage harvested			Production				Farm value		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>3</sup>	Unit	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres		Thous. sacks	Thous. sacks	Thous. sacks	1,000 dollars	1,000 dollars	1,000 dollars
Sugarbeets.....	131	129	118	111	108	97	Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Maple sirup.....							Gallon.....	28,353	27,736	26,198	27,736	27,736	27,736
Broomcorn.....							Ton.....	16,000	17,000	14,800	17,000	17,000	17,000
Hops.....							Found.....	5,441	6,750	6,221	5,441	5,441	5,441
Apples, commercial crop.....							do.....	3,590	3,665	3,011	83,231	71,957	71,409
Peaches.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Plums.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Cherries.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Apricots.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Plums, dried (California).....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Prunes, dried (California).....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Prunes and plums, fresh basis (excluding California).....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Figs.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Nectarines.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Olive.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Dates.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Avocados <sup>9</sup> .....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Cranberries.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Strawberries.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Oranges <sup>10</sup> .....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Grapefruit <sup>10</sup> .....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Limes <sup>10</sup> .....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Pecans.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Walnuts.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Almonds.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Filberts.....							Ton.....	3,590	3,665	3,011	83,231	71,957	71,409
Commercial vegetables:													
Artichokes.....	9.6	10.1	11.0	9.6	10.1	11.0	Cwt.....	576	637	671	5,772	6,946	6,920
Asparagus.....	30.8	32.2	33.1	30.8	31.1	33.1	Cwt.....	918	880	952	20,097	19,699	21,242
Beans, snap <sup>11</sup> .....	110.6	88.9	73.4	104.7	83.2	69.6	Ton.....	115.3	98.7	77.4	22,360	17,659	14,108
Beans, lima <sup>11</sup> .....	382.2	345.4	334.5	358.6	328.0	314.6	Ton.....	798.4	736.1	721.1	89,568	82,114	83,336
Beets <sup>11</sup> .....	22.9	19.1	16.6	21.2	17.9	15.1	Ton.....	269.2	219.6	207.1	6,394	4,831	4,412
Broccoli.....	43.0	37.9	40.5	42.1	37.1	40.4	Cwt.....	3,012	2,509	3,029	27,005	25,549	28,973
Brussels sprouts.....	6.9	6.7	6.1	6.8	6.5	6.0	Cwt.....	638	579	561	7,427	6,673	7,147
Cabbage <sup>11</sup> .....	112.7	118.1	113.7	106.6	111.8	107.9	Cwt.....	23,468	23,222	23,748	65,658	67,501	81,773
Cantaloup.....	111.5	131.0	116.0	107.2	136.2	128.5	Cwt.....	19,182	18,732	18,028	43,876	82,967	66,635
Carrots.....	75.4	82.5	80.9	78.5	84.1	78.5	Cwt.....	19,182	18,732	18,028	43,876	82,967	66,635
Cauliflower.....	27.4	28.7	24.6	26.3	25.6	24.1	Cwt.....	2,613	2,440	2,360	28,438	23,829	23,045

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	27.4	26.7	24.6	26.3	25.6	24.1	Cwt.....	2,440	2,360	23,438	23,829	23,045
Cauliflower.....												
Celery.....	33.8	34.1	34.0	32.0	32.7	31.9	Cwt.....	15,159	15,139	70,460	84,841	85,620
Corn, sweet <sup>1</sup>	739.6	664.3	628.1	602.8	634.1	595.1	Ton.....	3,079.5	2,311.6	126,637	115,516	113,004
Cucumbers <sup>1</sup>	214.6	193.9	197.2	194.5	179.4	183.3	Ton.....	763.7	823.5	81,226	77,891	83,942
Eggplant.....	3.3	3.8	10.3	7.2	3.5	8.7	Cwt.....	1,096	1,102	4,102	8,249	7,850
Garlic.....	6.4	7.3	5.6	6.4	7.3	5.6	Cwt.....	800	1,728	7,192	7,397	6,844
Honeydew melons.....	11.1	14.4	13.9	10.3	13.8	13.2	Cwt.....	1,379	1,969	9,305	11,544	10,923
Lettuce.....	228.6	242.3	245.7	220.6	227.8	234.4	Cwt.....	44,081	44,531	198,818	241,059	223,276
Onions.....	114.4	108.3	106.7	105.7	100.8	101.4	Cwt.....	28,693	30,409	92,142	107,841	101,010
Peas, green <sup>1</sup>	492.9	441.3	407.2	432.1	404.2	383.9	Ton.....	582.4	534.4	62,249	55,699	51,889
Peppers, green.....	35.1	36.3	54.0	32.0	33.1	48.8	Cwt.....	4,875	4,368	50,908	52,649	44,651
Spinach.....	30.9	38.6	40.4	36.7	35.3	37.1	Ton.....	36.4	184.0	3,332	12,972	13,354
Squash.....	324.2	426.6	467.3	427.9	427.9	371.0	Ton.....	7,838	5,133	40,328	39,834	36,384
Watermelons.....	294.2	293.4	295.0	279.2	270.0	270.0	Cwt.....	26,885	27,182	59,121	54,014	56,303
Peppermint.....	74.7	78.4	78.2	73.8	77.6	27.6	Pound.....	4,103	4,402	21,125	22,011	18,065
Spearmint.....	23.3	27.7	27.6	23.0	27.3	27.1	do.....	1,383	1,728	7,807	8,625	8,074
Total 59 crops <sup>11</sup>				308,092	299,448	300,698				22,092,181	22,895,241	194,103,322
Total 78 crops <sup>11</sup>												

<sup>1</sup> Alaska and Hawaii are included in commercial vegetables and in acreage and production of sugarcane, but are excluded from other crops. Total of 59 crops harvested does not include Alaska and Hawaii.

<sup>2</sup> Preliminary.

<sup>3</sup> Includes acreage seeded in preceding fall.

<sup>4</sup> Acreage seeded in preceding fall.

<sup>5</sup> Clean basis.

<sup>6</sup> Does not include Hawaii.

<sup>7</sup> Includes sirup later made into sugar. Does not include production in nonfarm land in Sagadahoc County, Maine.

<sup>8</sup> Fresh basis.

<sup>9</sup> Year of bloom.

<sup>10</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year.

Citrus production is included with other crops on a harvested basis. Because in the 1993 edition, former editions included production in the year of bloom. <sup>11</sup> For breakdown between fresh market and processing, see individual crop tables.

<sup>12</sup> Processing only.

<sup>13</sup> Includes crops listed in footnote 5, table 656. Farm value also includes apples (commercial crop), peaches, pears, grapes, cherries, cranberries, oranges, grapefruit, lemons, limes, plums, all prunes, apricots, figs, olives, almonds, walnuts, pecans, maple sirup, and hops.

<sup>14</sup> Total values do not include revisions made for some commodities after December 1970.

Statistical Reporting Service.



Table 658.—Principal crops: Harvested acreage and value of production, by States, 1968–70

State and division	Harvested acreage of 59 crops (excluding duplications) <sup>1</sup>			Farm value of 78 crops <sup>2</sup>		
	1968	1969	1970 <sup>3</sup>	1968	1969	1970 <sup>3</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	543	520	502	88,405	95,590	84,643
New Hampshire.....	151	145	142	11,115	10,077	12,510
Vermont.....	616	593	591	29,731	32,018	36,626
Massachusetts.....	196	186	180	47,863	51,297	55,513
Rhode Island.....	25	23	23	4,345	4,890	5,190
Connecticut.....	183	170	169	44,340	45,870	45,400
New York.....	4,365	4,268	4,305	570,208	591,479	602,263
New Jersey.....	516	478	478	109,862	103,693	109,573
Pennsylvania.....	4,405	4,322	4,364	311,369	354,210	377,897
Ohio.....	9,116	8,628	8,793	673,582	655,385	746,977
Indiana.....	10,631	10,473	10,612	823,098	919,632	945,829
Illinois.....	20,691	20,122	20,299	1,717,223	1,852,199	1,810,630
Michigan.....	6,069	5,715	5,653	470,444	469,542	531,368
Wisconsin.....	9,193	9,032	9,075	558,534	542,063	584,357
Minnesota.....	18,183	17,271	17,453	999,764	992,945	1,110,785
Iowa.....	20,444	20,094	20,790	1,632,893	1,670,574	1,827,256
Missouri.....	11,794	10,660	11,390	755,049	647,201	732,032
North Dakota.....	18,454	17,477	17,327	587,836	596,218	524,949
South Dakota.....	14,357	13,814	14,430	429,624	433,432	408,841
Nebraska.....	15,725	15,616	16,014	774,759	938,707	904,689
Kansas.....	19,252	19,040	18,968	738,805	820,052	814,289
Delaware.....	496	480	491	33,058	44,125	46,707
Maryland.....	1,489	1,450	1,445	129,009	142,158	151,446
Virginia.....	2,679	2,620	2,651	285,922	313,798	324,241
West Virginia.....	728	718	722	49,862	49,268	51,006
North Carolina.....	4,228	4,012	4,069	733,782	841,181	930,930
South Carolina.....	2,324	2,295	2,340	224,324	260,571	273,254
Georgia.....	3,881	3,817	3,867	388,991	408,980	477,078
Florida.....	1,371	1,347	1,324	798,264	809,849	759,365
Kentucky.....	3,732	3,674	3,707	506,011	534,566	513,037
Tennessee.....	4,037	4,044	4,043	300,924	313,071	329,887
Alabama.....	2,726	2,746	2,640	200,149	205,400	226,685
Mississippi.....	4,911	4,814	4,921	439,855	364,250	460,239
Arkansas.....	7,104	7,066	7,353	555,818	543,802	610,306
Louisiana.....	3,547	3,524	3,634	420,125	339,456	408,162
Oklahoma.....	9,065	8,257	7,950	340,311	341,363	325,319
Texas.....	20,530	19,845	18,986	1,424,327	1,213,667	1,405,187
Montana.....	8,244	8,144	8,206	289,134	293,269	288,384
Idaho.....	3,932	3,944	3,963	381,253	414,593	419,143
Wyoming.....	1,822	1,780	1,831	71,651	77,525	82,174
Colorado.....	5,513	5,956	6,215	276,597	286,943	340,086
New Mexico.....	1,224	1,115	1,131	112,461	103,251	102,709
Arizona.....	1,128	1,109	1,133	288,294	287,581	271,425
Utah.....	1,095	1,071	1,060	72,574	75,625	75,359
Nevada.....	392	467	486	20,718	28,486	27,908
Washington.....	4,482	4,432	4,403	461,006	430,654	500,201
Oregon.....	2,646	2,707	2,625	217,433	255,024	250,510
California.....	6,860	6,587	6,742	2,400,279	2,286,702	2,381,257
United States.....	295,099	286,665	289,496	22,602,181	22,895,241	24,103,522

<sup>1</sup> Includes crops listed in footnote 6, table 656.<sup>2</sup> Preliminary.<sup>3</sup> Includes crops listed in footnote 5 of table 656, and the following additional crops: Apples (commercial crop), peaches, pears, grapes, cherries, cranberries, oranges, grapefruit, lemons, limes, plums, prunes, apricots, figs, olives, almonds, walnuts, pecans, maple products, and hops.

Statistical Reporting Service.

Table 659.—Harvested crops: Acreage required for specified purposes, United States, 1954-70

Year	Crops harvested <sup>1</sup>	Acreage used for producing—				Total population July 1 <sup>4</sup>	Year	Crops harvested <sup>1</sup>	Acreage used for producing—				Total population July 1 <sup>4</sup>
		Ex- port products <sup>2</sup>	Products for domestic use <sup>3</sup>						Ex- port products <sup>2</sup>	Products for domestic use <sup>3</sup>			
			Total	Per capita						Total	Per capita		
	Million acres	Million acres	Million acres	Acres	Millions		Million acres	Million acres	Million acres	Acres	Millions		
1954.....	346	37	309	1.91	162	1963.....	300	77	223	1.18	189		
1955.....	340	47	293	1.78	165	1964.....	301	74	227	1.19	191		
1956.....	324	60	264	1.57	168	1965.....	298	76	222	1.14	194		
1957.....	324	48	276	1.61	171	1966.....	295	69	226	1.15	196		
1958.....	324	44	280	1.61	174	1967.....	308	69	239	1.21	198		
1959.....	324	61	263	1.49	177	1968.....	303	54	249	1.24	200		
1960.....	324	64	260	1.44	180	1969.....	294	61	233	1.15	202		
1961.....	303	67	236	1.29	183	1970 <sup>5</sup> .....	297	72	225	1.10	204		
1962.....	295	66	229	1.23	186								

<sup>1</sup> Area in 59 principal crops harvested as reported by Statistical Reporting Service, plus acreages in fruits, tree nuts, and farm gardens.

<sup>2</sup> Acreages for exports relate to exports for year beginning July 1, or month representing beginning of crop season. Acreage includes seeds for crops and feed for livestock that are exported.

<sup>3</sup> Includes feed used by horses and mules.

<sup>4</sup> Includes persons in our military forces in this country and abroad.

<sup>5</sup> Preliminary.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 660.

Table 660.—Livestock and livestock products: Production and value, United States, 1968-70

Product	Production <sup>1</sup>			Value of production		
	1968	1969	1970 <sup>2</sup>	1968	1969	1970 <sup>2</sup>
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 dollars	1,000 dollars	1,000 dollars
Cattle and calves.....	36,367,957	37,141,941	39,449,857	8,579,704	9,859,578	10,522,684
Sheep and lambs.....	1,130,250	1,037,076	1,082,268	250,708	258,424	254,061
Hogs.....	21,102,218	20,489,443	21,850,813	3,910,010	4,536,835	4,960,561
Chickens <sup>3</sup> .....	10,489,848	11,192,038	12,004,801	1,422,316	1,642,333	1,565,346
Turkeys.....	2,009,432	2,020,035	2,184,453	412,883	452,476	494,884
Milk.....	117,234,000	116,345,000	117,436,000	6,206,735	6,450,073	6,759,494
Wool (shorn).....	177,591	165,655	161,301	71,867	69,485	57,037
Mohair.....	26,022	21,203	16,697	11,754	13,808	6,525
	Thousands	Thousands	Thousands			
Eggs.....	69,270,000	69,086,000	70,312,000	1,958,807	2,299,667	2,201,807

<sup>1</sup> For cattle, sheep, and hogs, the quantity of net production is the live weight actually produced during the year, adjustments having been made for animals shipped in and changes in inventory.

<sup>2</sup> Preliminary.

<sup>3</sup> Including commercial broiler production.

Statistical Reporting Service.

Table 661.—Agricultural productivity: Index numbers of farm output per unit of input, United States, 1954-70

[1967 = 100]

Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>	Year	Productivity <sup>1</sup>
1954.....	81	1960.....	96	1966.....	98
1955.....	83	1961.....	97	1967.....	100
1956.....	85	1962.....	97	1968.....	100
1957.....	86	1963.....	100	1969.....	101
1958.....	92	1964.....	98	1970 <sup>2</sup> .....	99
1959.....	92	1965.....	101		

<sup>1</sup> Productivity is the output-input ratio. The ratio is obtained by dividing the index of farm output in table 665 by the index of total input in table 664.

<sup>2</sup> Preliminary.

Economic Research Service.

Table 662.—Total farm commodities: Supply-utilization index by components, United States, 1954-70<sup>1</sup>

[1967 = 100]

Year	Supply			Total annual net utilization	Utilization				
	Net production	Net imports <sup>2</sup>	Stocks <sup>3</sup>		Domestic use		Total	Exports and ship-ments <sup>6</sup>	
					Food				Net nonfood <sup>5</sup>
					Civilian	Military <sup>4</sup>			
1954.....	78.9	72.4	80.8	75.7	78.6	90.6	96.2	79.9	49.4
1955.....	82.0	78.3	86.7	79.1	81.7	78.6	88.7	83.1	53.9
1956.....	83.9	81.4	92.4	83.6	84.2	79.8	94.8	85.7	70.6
1957.....	82.2	81.1	93.7	83.6	83.9	72.3	97.2	84.4	78.8
1958.....	84.9	83.7	92.3	81.8	83.8	70.8	90.3	84.1	66.5
1959.....	84.8	97.6	99.1	85.2	86.8	69.8	89.2	87.7	69.6
1960.....	89.3	89.0	102.2	88.1	87.5	65.6	95.7	88.1	88.4
1961.....	88.2	94.0	105.8	89.8	89.4	72.1	96.6	89.9	89.4
1962.....	89.5	100.3	105.6	90.5	90.5	74.9	102.3	91.6	86.3
1963.....	93.4	101.7	106.7	93.5	93.1	72.5	94.8	92.9	96.5
1964.....	93.9	92.8	109.7	97.6	95.1	80.4	100.7	95.5	111.3
1965.....	97.7	94.0	104.2	96.8	95.2	90.6	104.4	96.1	101.0
1966.....	94.0	101.7	106.8	99.3	96.8	96.7	107.5	98.0	107.8
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968.....	101.2	111.9	101.6	102.1	102.5	97.9	101.7	102.2	100.6
1969.....	101.3	101.4	103.9	101.4	104.4	83.4	97.4	103.2	90.6
1970 <sup>7</sup> .....	99.7	103.2	105.2	104.2	106.1	71.0	90.7	103.7	107.6

<sup>1</sup> Quantities weighted by constant farm prices. Domestic use allocated on the basis of value of processed products. Net concept excludes domestic use of feed and seed to avoid double counting of livestock products. Beginning 1960, includes Alaska and Hawaii.

<sup>2</sup> Includes shipments from U.S. Territories.

<sup>3</sup> Farm, commercial, and Government program holdings; excludes live animal inventory. Derived by applying annual changes to January 1961 level to avoid inconsistent coverage.

<sup>4</sup> Includes civilian feeding in occupied areas.

<sup>5</sup> Excludes feed and seed.

<sup>6</sup> Includes shipments to U.S. Territories.

<sup>7</sup> Preliminary.

Economic Research Service. Data for 1924-53 in *Agricultural Statistics, 1967*, table 663.

Table 663.—Total farm commodities: Supply-utilization components as a percentage of total annual net utilization, United States, 1954-70<sup>1</sup>

Year	Supply			Total annual net utilization	Utilization					
	Net production	Net imports <sup>2</sup>	Stocks <sup>3</sup>		Domestic use			Total	Exports and ship- ments <sup>4</sup>	
					Food		Net nonfood <sup>5</sup>			
					Civilian	Military <sup>6</sup>				
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent		
1954.....	93.5	10.6	-4.1	100.0	77.5	2.0	11.6	91.1	8.9	
1955.....	93.0	11.0	-4.0	100.0	77.1	1.7	11.9	90.7	9.3	
1956.....	90.1	10.8	-9	100.0	75.3	1.6	11.5	88.4	11.6	
1957.....	88.4	10.7	-9	100.0	75.0	1.4	10.7	87.1	12.9	
1958.....	93.2	11.4	-4.6	100.0	76.6	1.5	10.8	88.9	11.1	
1959.....	89.4	12.7	-2.1	100.0	76.1	1.4	11.3	88.8	11.2	
1960.....	91.1	11.1	-2.2	100.0	74.7	1.2	10.5	86.4	13.6	
1961.....	88.5	11.5	-	100.0	74.8	1.3	10.4	86.5	13.5	
1962.....	88.4	12.2	-6	100.0	74.4	1.4	11.1	86.9	13.1	
1963.....	89.7	12.0	-1.7	100.0	74.5	1.3	10.0	85.8	14.2	
1964.....	86.5	10.5	3.0	100.0	72.9	1.4	10.0	84.3	15.7	
1965.....	90.7	10.7	-1.4	100.0	73.5	1.5	10.6	85.6	14.4	
1966.....	85.0	11.3	3.7	100.0	72.9	1.6	10.6	85.1	14.9	
1967.....	89.8	11.1	-9	100.0	74.8	1.7	9.8	86.3	13.7	
1968.....	89.1	12.1	-1.2	100.0	75.1	1.6	9.8	86.5	13.5	
1969.....	89.6	11.1	-7	100.0	76.9	1.4	9.5	87.8	12.2	
1970 <sup>7</sup> .....	85.9	11.0	3.1	100.0	76.1	1.1	8.6	85.8	14.2	

<sup>1</sup> Quantities weighted by constant farm prices. Domestic use allocated on the basis of value of processed products. Net concept excludes domestic use of feed and seed to avoid double counting of livestock products. Beginning 1960, includes Alaska and Hawaii.

<sup>2</sup> Includes shipments from U.S. Territories.

<sup>3</sup> Farm, commercial, and Government program holdings; excludes live animal inventory. Data represent stock changes. Negatives indicate stock increases; positives signify withdrawals.

<sup>4</sup> Includes civilian feeding in occupied areas.

<sup>5</sup> Excludes feed and seed.

<sup>6</sup> Includes shipments to U.S. Territories.

<sup>7</sup> Preliminary.

Economic Research Service. Data for 1924-53 in *Agricultural Statistics, 1967*, table 664.

Table 664.—Total farm input: Index numbers of farm input by major subgroups, United States, 1954-70

[1967 = 100]

Year	Total input	Farm labor	Farm real estate	Mechanical power and machinery	Fertilizer and lime	Feed, seed, and livestock purchases <sup>1</sup>	Taxes and interest	Miscellaneous
1954.....	98	176	97	90	43	72	69	64
1955.....	98	170	97	91	45	73	72	69
1956.....	96	160	95	91	44	76	74	70
1957.....	94	149	95	90	46	75	73	69
1958.....	94	143	94	91	48	80	75	74
1959.....	95	139	94	92	54	84	79	79
1960.....	94	134	93	91	54	84	81	80
1961.....	94	129	93	90	58	87	84	82
1962.....	94	123	94	91	62	89	86	85
1963.....	95	120	96	92	70	89	88	89
1964.....	96	115	98	93	76	90	91	93
1965.....	97	109	99	96	80	91	92	94
1966.....	98	101	99	100	90	97	96	97
1967.....	100	100	100	100	100	100	100	100
1968.....	102	96	100	102	107	101	105	109
1969.....	102	94	101	103	110	104	108	101
1970 <sup>2</sup> .....	103	92	102	103	113	109	113	100

<sup>1</sup> Nonfarm portion of seed, feed, and livestock purchases.

<sup>2</sup> Preliminary.

Economic Research Service.

Table 665.—Farm production and output: Index numbers of total output, and gross production of livestock and crops, by groups, United States, 1954-70

[1967 = 100]

Year	Farm output	Livestock and products <sup>1</sup>				Crops									
		All livestock and products <sup>2</sup>	Meat animals <sup>3</sup>	Dairy products <sup>4</sup>	Poultry and eggs <sup>5</sup>	All crops <sup>6</sup>	Feed grains <sup>7</sup>	Hay and forage <sup>8</sup>	Food grains <sup>9</sup>	Vegetables <sup>10</sup>	Fruits and nuts <sup>11</sup>	Sugar crops <sup>12</sup>	Cotton <sup>13</sup>	Tobacco	Oil crops <sup>14</sup>
1954.....	79	82	81	98	63	79	66	80	66	83	88	69	185	114	41
1955.....	82	84	86	99	62	82	69	85	62	86	88	63	199	111	46
1956.....	82	84	83	101	68	82	69	81	65	91	92	63	180	110	54
1957.....	80	83	80	102	69	80	75	88	61	88	84	72	148	84	53
1958.....	86	85	82	101	73	89	82	88	90	90	91	70	154	88	65
1959.....	88	88	88	100	76	89	85	84	72	89	93	77	196	91	58
1960.....	90	87	85	101	75	92	88	89	86	91	87	75	192	99	61
1961.....	90	91	89	104	81	91	79	89	78	96	91	84	193	104	71
1962.....	91	92	90	105	81	92	80	92	73	94	92	86	200	117	72
1963.....	95	95	95	104	83	95	87	92	76	94	89	111	207	119	75
1964.....	94	97	98	105	87	93	76	93	84	90	90	113	206	113	75
1965.....	97	95	92	104	90	98	89	97	87	96	95	100	202	94	90
1966.....	96	97	96	101	96	95	89	96	87	97	97	100	129	95	96
1967.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968.....	102	100	102	99	98	103	95	100	105	103	93	116	148	87	112
1969.....	103	101	102	99	101	104	99	100	97	103	113	120	135	91	115
1970 <sup>15</sup> .....	102	106	108	100	106	100	90	99	91	101	107	118	138	97	118

<sup>1</sup> Production of livestock and livestock products for human use, horses and mules excluded.<sup>2</sup> Includes clipped wool, mohair, honey, and beeswax. These items are not included in the separate groups of livestock and products shown.<sup>3</sup> Cattle and calves, sheep and lambs, and hogs.<sup>4</sup> Butter, butterfat, whole milk, retail milk, and milk consumed on farms.<sup>5</sup> Chicken eggs, commercial broilers, chickens, and turkeys.<sup>6</sup> Includes farm gardens, production of hayseeds, pasture seeds and cover-crop seeds, and some miscellaneous crop production not included in separate groups of crops shown.<sup>7</sup> Corn for grain, oats, barley, and sorghum grain.<sup>8</sup> All hay, sorghum forage, corn silage, and sorghum silage.<sup>9</sup> All wheat, rye, buckwheat, and rice.<sup>10</sup> Potatoes, sweetpotatoes, dry edible beans, dry field peas, truck crops for processing, and truck crops for fresh market having value.<sup>11</sup> Fruits, berries, and tree nuts having value. Citrus production is based on year of harvest for 1960 to date; earlier years on year of bloom.<sup>12</sup> Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple sirup.<sup>13</sup> Cotton lint and cottonseed.<sup>14</sup> Soybeans, peanuts harvested for nuts, peanuts hogged, flaxseed, and tung nuts.<sup>15</sup> Preliminary.

Economic Research Service.

Table 666.—Farm output: Index numbers by farming regions,<sup>1</sup> 1961-70

[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1961.....	98	99	86	80	97	83	90	103	86	92	90
1962.....	93	96	87	89	100	85	90	96	89	96	91
1963.....	95	100	93	88	103	89	101	98	92	97	95
1964.....	94	97	89	87	102	87	106	100	91	101	94
1965.....	97	96	94	93	97	92	105	110	95	100	97
1966.....	92	99	94	96	93	89	98	100	95	102	96
1967.....	100	100	100	100	100	100	100	100	100	100	100
1968.....	94	103	99	105	95	90	113	112	104	107	102
1969.....	97	100	98	111	101	97	107	106	107	108	103
1970 <sup>1</sup> .....	99	102	93	104	101	98	115	111	109	109	102

<sup>1</sup> For States included in regions, see table 702.<sup>2</sup> Preliminary.

Economic Research Service.

Table 667.—Cropland used for crops: Index numbers by farming regions,<sup>1</sup> 1961-70

[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1961.....	103	101	94	98	99	111	86	109	98	101	99
1962.....	101	95	93	96	94	104	85	105	98	97	97
1963.....	101	99	96	98	93	106	88	106	99	99	98
1964.....	100	98	95	97	92	103	90	104	98	99	98
1965.....	98	99	96	98	91	98	91	106	100	100	98
1966.....	98	97	96	97	90	92	90	98	98	100	96
1967.....	100	100	100	100	100	100	100	100	100	100	100
1968.....	96	99	96	98	98	100	105	100	100	102	99
1969.....	94	94	93	98	96	99	103	100	101	101	97
1970 <sup>2</sup> .....	95	95	95	99	97	99	107	96	102	101	98

<sup>1</sup> Cropland used for crops is the sum of the acreage of land from which one or more crops were harvested plus acreage of crop failure and summer fallow. For States included in regions, see table 702.

<sup>2</sup> Preliminary.

Economic Research Service.

Table 668.—Crop production per acre of cropland used for crops: Index numbers by farming regions,<sup>1</sup> 1961-70

[1967 = 100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1961.....	95	94	86	83	101	79	115	106	91	92	92
1962.....	87	95	88	97	111	87	116	97	94	101	95
1963.....	88	97	93	96	115	89	130	97	95	100	97
1964.....	89	91	87	85	115	85	131	101	93	105	95
1965.....	94	92	97	97	109	96	126	116	97	102	100
1966.....	88	101	96	99	102	92	111	104	96	104	99
1967.....	100	100	100	100	100	100	100	100	100	100	100
1968.....	95	107	104	110	94	84	112	119	104	107	104
1969.....	100	110	108	120	104	93	104	104	106	110	107
1970 <sup>2</sup> .....	101	109	96	104	100	93	108	109	104	109	102

<sup>1</sup> For States included in regions, see table 702.

<sup>2</sup> Preliminary.

Economic Research Service.



Table 669.—Labor: Indexes of total hours used for farm work, by enterprise groups, United States, 1954-70<sup>1</sup>

[1967=100]

Year	Farm output	Livestock and products				Crops									
		All livestock and products	Meat animals	Milk cows	Poultry	All crops	Feed grains	Hay and forage	Food grains	Vegetables	Fruits and nuts	Sugar crops	Cotton	Tobacco	Oil crops
1954.....	43	43	59	40	30	45	29	58	46	67	74	51	35	71	54
1955.....	47	46	62	43	32	48	31	63	50	70	75	53	39	75	60
1956.....	50	48	62	46	37	52	35	65	54	76	75	59	41	80	67
1957.....	53	50	63	49	39	56	40	71	62	80	69	67	44	77	69
1958.....	59	55	65	53	45	65	47	77	85	82	73	67	48	81	81
1959.....	62	59	68	57	50	66	52	81	77	88	74	75	52	81	82
1960.....	67	62	70	60	55	71	58	84	93	89	74	79	56	87	84
1961.....	70	67	74	65	61	73	64	89	86	93	78	82	61	88	90
1962.....	73	71	78	70	66	77	70	89	89	92	87	82	71	93	92
1963.....	80	77	83	74	73	82	77	92	90	97	87	97	78	97	94
1964.....	83	83	89	81	82	85	78	93	97	96	91	90	87	99	89
1965.....	91	87	90	87	87	92	92	96	101	99	95	88	101	95	100
1966.....	94	93	95	93	95	95	93	99	102	99	99	92	101	96	101
1967.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968.....	106	105	105	106	105	106	102	102	108	101	98	113	130	98	110
1969.....	112	112	110	115	112	112	109	145	113	106	109	115	117	98	114
1970 <sup>2</sup> .....	113	120	117	123	120	110	100	146	117	104	110	117	125	103	115

<sup>1</sup> Index of farm production (see table 665) divided by the appropriate index of hours of labor (for absolute number of hours, see table 694).<sup>2</sup> Preliminary.

Economic Research Service.

Table 670.—Labor: Indexes of farm production per hour, by farming regions, 1961-70<sup>1</sup>

[1967=100]

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lach-ian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
1961.....	<sup>2</sup> 72	74	65	69	73	69	60	72	75	81	70
1962.....	72	76	69	77	78	71	67	74	79	86	73
1963.....	79	83	78	79	82	77	74	80	85	90	80
1964.....	82	84	79	82	88	81	83	87	88	95	83
1965.....	87	87	88	91	92	90	90	98	92	98	91
1966.....	88	95	92	96	91	91	93	101	96	98	94
1967.....	100	100	100	100	100	100	100	100	100	100	100
1968.....	99	107	104	109	100	99	114	112	105	105	106
1969.....	108	114	110	121	107	105	113	108	120	112	112
1970 <sup>2</sup> .....	115	120	109	116	110	108	124	113	125	117	113

<sup>1</sup> Index of farm output (see table 666) divided by index of hours of labor used on farms (for absolute number of hours of labor used on farms in the United States, see table 694).<sup>2</sup> Preliminary.

Economic Research Service.

Table 671.—Selected crops: Labor-hours per unit of production and related factors, United States, indicated periods, 1910-70 <sup>1</sup>

Crop and item	1910-14	1925-29	1935-39	1945-49	1955-59	1966-70 <sup>1</sup>
<b>Corn for grain:</b>						
Hours per acre.....	35.2	30.3	28.1	19.2	9.9	5.6
Yield-bushels.....	26.0	26.3	26.1	36.1	48.7	77.0
Hours per 100 bushels.....	135	115	108	53	20	7
<b>Sorghum grain:</b>						
Hours per acre.....		17.5	13.1	8.8	5.9	4.1
Yield-bushels.....		16.8	12.8	17.8	29.2	52.9
Hours per 100 bushels.....		104	102	49	20	8
<b>Wheat:</b>						
Hours per acre.....	15.2	10.5	8.8	5.7	3.8	2.9
Yield-bushels.....	14.4	14.1	13.2	16.9	22.3	28.3
Hours per 100 bushels.....	106	74	67	34	17	10
<b>Hay:</b>						
Hours per acre.....	11.9	12.0	11.3	8.4	6.0	3.6
Yield-ton.....	1.15	1.22	1.24	1.35	1.61	1.98
Hours per ton.....	10.3	9.8	9.1	6.2	3.7	1.8
<b>Potatoes:</b>						
Hours per acre.....	76.0	73.1	69.7	68.5	53.1	44.6
Yield-cwt.....	59.8	68.4	70.3	117.8	178.1	216.1
Hours per ton.....	25	21	20	12	6	4
<b>Sugarbeets:</b>						
Hours per acre.....	128	109	98	85	51	33
Yield-ton.....	10.6	10.9	11.6	13.6	17.4	17.8
Hours per ton.....	12.1	10.0	8.4	6.3	2.9	1.8
<b>Cotton:</b>						
Hours per acre.....	116	96	99	83	66	27
Yield-pounds.....	201	171	226	273	428	464
Hours per bale.....	276	268	209	146	74	28
<b>Tobacco:</b>						
Hours per acre <sup>2</sup> .....	356	370	415	460	475	491
Yield-pounds.....	816	772	886	1,176	1,541	2,003
Hours per 100 pounds.....	44	48	47	39	31	25
<b>Soybeans:</b>						
Hours per acre <sup>2</sup> .....		15.9	11.8	8.0	5.2	4.8
Yield-bushels.....		12.6	18.5	19.6	22.7	26.2
Hours per 100 bushels.....		126	64	41	23	18

<sup>1</sup> Labor-hours per acre harvested, including preharvest work on acreages abandoned, grazed, and turned under.

<sup>2</sup> Preliminary.

<sup>3</sup> Per acre planted and harvested.

Economic Research Service.

Table 672.—Livestock: Labor-hours per unit of production and related factors, United States, indicated periods, 1910-70 <sup>1</sup>

Kind of livestock and item	1910-14	1925-29	1935-39	1945-49	1955-59	1966-70 <sup>1</sup>
<b>Milk cows:</b>						
Hours per cow.....	146	145	148	129	109	74
Milk per cow (pounds).....	3,842	4,437	4,401	4,992	6,307	8,956
Hours per cwt. of milk.....	3.8	3.3	3.4	2.6	1.7	.8
<b>Cattle other than milk cows:</b>						
Hours per cwt. of beef produced <sup>2,3</sup> .....	4.6	4.3	4.2	4.0	3.2	2.0
<b>Hogs:</b>						
Hours per cwt. produced <sup>2</sup> .....	3.6	3.3	3.2	3.0	2.4	1.3
<b>Chickens (laying flocks and eggs):</b>						
Hours per 100 layers.....		218	221	240	175	94
Eggs per 100 eggs produced.....		117	129	161	200	219
Hours per 100 eggs produced.....		1.9	1.7	1.5	.9	.4
<b>Chickens (farm raised):</b>						
Hours per 100 birds.....	33	32	30	29	23	14
Hours per cwt. produced <sup>2</sup> .....	9.5	9.4	9.0	7.7	6.7	3.6
<b>Chickens (broilers):</b>						
Hours per 100 birds.....			25	16	4	2
Hours per cwt. produced <sup>2</sup> .....			8.5	5.1	1.3	.5
<b>Turkeys:</b>						
Hours per cwt. produced <sup>2</sup> .....	31.4	28.5	23.7	13.1	4.4	1.2

<sup>1</sup> Preliminary.

<sup>2</sup> Production includes beef produced as a byproduct of the milk cow enterprise.

<sup>3</sup> Live-weight production.

Economic Research Service.

**Table 673.—Industrial production and income: Index numbers of production in selected lines and production workers weekly payroll index, United States, 1954-70**

[1967=100]

Year	Industrial production					Production worker weekly payroll index	Year	Industrial production					Production worker weekly payroll index
	Total	Man- u- fac- tures	Du- ra- ble man- u- fac- tures	Non- du- ra- ble man- u- fac- tures	Mining			Total	Man- u- fac- tures	Du- ra- ble man- u- fac- tures	Non- du- ra- ble man- u- fac- tures	Mining	
1954.....	51.9	51.5	52.0	51.0	71.9	55.1	1963.....	76.5	75.8	73.5	79.2	89.0	76.0
1955.....	58.5	58.2	59.5	56.6	80.2	61.1	1964.....	81.7	81.2	79.0	84.4	91.1	80.2
1956.....	61.1	60.5	61.5	59.5	84.4	64.6	1965.....	89.2	88.1	88.5	90.0	93.9	88.1
1957.....	61.9	61.2	61.9	60.5	84.5	65.4	1966.....	97.9	98.3	99.0	97.3	98.4	97.8
1958.....	57.9	56.9	54.2	61.0	77.5	60.3	1967.....	100.0	100.0	100.0	100.0	100.0	100.0
1959.....	64.8	64.1	62.2	67.0	81.1	67.8	1968.....	105.7	105.7	105.5	106.0	103.9	108.3
1960.....	66.2	65.4	63.3	68.6	82.7	68.9	1969.....	110.7	110.5	110.0	111.1	107.2	116.6
1961.....	66.7	65.6	62.1	70.7	83.2	68.0	1970 <sup>1</sup> .....	106.7	105.2	101.5	110.6	109.7	114.4
1962.....	72.2	71.4	69.0	75.1	85.6	73.4							

<sup>1</sup> Preliminary.

Economic Research Service. Production indexes compiled from reports of Federal Reserve System; payroll index compiled from reports of the U.S. Department of Labor.

**Table 674.—Productivity of farmworker: Persons supplied farm products by one farmworker and related factors, United States, selected years, 1954-70**

Year	Persons supplied per farm worker <sup>1</sup>			Total farm employment	Total United States population July 1 <sup>2</sup>	Year	Persons supplied per farm worker <sup>1</sup>			Total farm employment	Total United States population July 1 <sup>2</sup>
	Total	At home	Abroad				Total	At home	Abroad		
	Number	Number	Number	Millions	Millions		Number	Number	Number	Millions	Millions
1954.....	18.1	16.2	1.9	8.7	162.4	1963.....	30.7	25.8	4.9	6.5	188.6
1955.....	19.5	17.3	2.2	8.4	165.3	1964.....	33.2	27.9	5.3	6.1	191.3
1956.....	21.7	18.5	3.2	7.9	168.2	1965.....	37.0	30.8	6.2	5.6	193.7
1957.....	22.7	19.8	2.9	7.6	171.3	1966.....	39.6	33.6	6.0	5.2	196.0
1958.....	23.2	20.6	2.6	7.5	174.1	1967.....	42.1	36.0	6.1	4.9	198.2
1959.....	24.5	21.4	3.1	7.3	177.1	1968.....	43.4	37.9	5.5	4.7	200.2
1960.....	25.8	22.3	3.5	7.1	179.9	1969.....	45.1	39.0	6.1	4.6	201.6
1961.....	27.6	23.6	4.0	6.9	183.0	1970 <sup>3</sup> .....	47.1	39.9	7.2	4.5	203.8
1962.....	28.6	24.7	3.9	6.7	185.8						

<sup>1</sup> Total persons supplied with agricultural products from U.S. farm production divided by farm employment. Total persons supplied in the United States is obtained by dividing value of farm production minus value of agricultural exports by per capita level of support. Total persons supplied abroad is calculated by dividing value of U.S. agricultural exports by per capita level of support in the United States. Per capita level of support is derived by dividing total population into value of farm production minus value of agricultural exports plus value of agricultural imports.

<sup>2</sup> Includes persons in our military forces in this country and abroad. Excludes Alaska and Hawaii.

<sup>3</sup> Preliminary.

Economic Research Service. Data for 1820-1953 in *Agricultural Statistics, 1967*, table 675.

## MARKETING SPREADS

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Table 675.—Marketing spreads: Retail cost, farm value, farm-retail spread and farmer's share of retail cost for farm-originated food products, United States, 1961-70<sup>1</sup>

Year	Retail cost <sup>1</sup>	Farm value <sup>2</sup>	Farm-retail spread	Farmer's share of retail cost	Retail cost <sup>1</sup>	Farm value <sup>2</sup>	Farm-retail spread	Farmer's share of retail cost
	Market basket of farm food products				Bakery and cereal products			
	Dollars	Dollars	Dollars	Percent	Dollars	Dollars	Dollars	Percent
1961	997.25	380.17	617.08	38	154.44	30.78	123.66	20
1962	1,006.17	384.00	622.08	38	157.24	32.02	125.22	20
1963	1,012.90	374.44	638.46	37	159.03	32.00	127.03	20
1964	1,013.50	373.85	639.65	37	159.42	32.25	127.17	20
1965	1,037.78	403.36	629.42	39	160.07	33.05	127.02	21
1966	1,094.72	443.25	651.47	40	165.70	38.45	126.25	22
1967	1,079.88	414.06	665.82	38	169.09	34.99	134.10	21
1968	1,117.80	435.07	682.73	39	169.61	35.06	136.55	19
1969	1,173.54	477.79	695.75	41	173.62	33.53	140.09	19
1970 <sup>4</sup>	1,224.99	480.32	744.67	39	183.74	35.52	148.22	19
	Meat products				Fruits and vegetables, fresh and processed			
	Dollars	Dollars	Dollars	Percent	Dollars	Dollars	Dollars	Percent
1961	285.54	148.40	137.24	52	210.62	50.86	159.76	24
1962	292.44	155.84	136.60	53	210.76	51.34	159.42	24
1963	286.35	143.06	143.29	50	222.16	54.62	167.54	25
1964	280.08	134.54	145.54	48	229.22	61.94	167.28	27
1965	302.57	163.47	139.10	54	228.42	63.85	164.57	28
1966	329.65	180.34	149.31	55	231.37	61.56	169.81	27
1967	318.08	165.59	151.49	52	229.44	56.92	172.52	25
1968	324.58	171.86	152.72	53	248.61	67.60	181.01	27
1969	355.84	201.22	154.62	57	251.33	67.48	183.85	27
1970 <sup>4</sup>	375.80	202.56	172.94	54	258.53	64.46	194.07	25
	Dairy products				Fats and oils			
	Dollars	Dollars	Dollars	Percent	Dollars	Dollars	Dollars	Percent
1961	180.37	79.90	100.47	44	36.70	12.90	23.80	35
1962	178.80	77.57	101.23	43	36.48	10.38	26.10	28
1963	178.14	77.43	100.71	43	35.14	10.41	24.73	30
1964	178.78	78.70	100.08	44	34.74	10.20	24.54	29
1965	178.46	79.82	98.64	45	37.28	11.46	25.82	31
1966	189.44	89.68	99.76	47	38.70	12.43	26.27	32
1967	195.65	93.26	102.39	48	38.79	11.00	27.79	28
1968	201.96	96.68	105.28	48	37.88	9.92	27.96	26
1969	208.25	100.82	107.43	48	37.87	10.20	27.67	27
1970 <sup>4</sup>	218.30	104.73	113.57	48	40.63	12.27	28.36	30
	Poultry and eggs				Miscellaneous products			
	Dollars	Dollars	Dollars	Percent	Dollars	Dollars	Dollars	Percent
1961	85.78	49.74	36.04	58	43.70	7.58	36.12	17
1962	86.01	49.08	36.93	57	44.44	7.86	36.58	18
1963	86.09	48.84	37.25	57	45.99	8.08	37.91	18
1964	84.43	47.48	36.95	56	46.84	8.74	38.10	19
1965	84.80	48.32	36.48	57	46.18	8.40	37.78	18
1966	92.47	53.92	38.55	58	47.39	8.57	38.82	19
1967	81.55	43.21	38.34	53	48.28	9.09	39.19	19
1968	85.97	46.95	39.02	55	49.19	9.00	40.19	18
1969	95.48	55.06	40.42	58	51.15	9.49	41.66	19
1970 <sup>4</sup>	94.04	50.63	43.41	54	54.24	10.07	44.17	19

<sup>1</sup> The market basket contains the average quantities of farm-originated foods purchased annually per household in 1960-61 by wage-earner and clerical-worker families and single workers living alone.

<sup>2</sup> Retail costs are calculated from retail prices published by the U.S. Department of Labor.

<sup>3</sup> Farm values, or payments received by farmers for products equivalent to the foods in the market basket, are calculated from prices received by farmers. The farm values of processed products are adjusted by subtracting imputed values by byproducts.

<sup>4</sup> Beginning July 1964, the farm value and farmer's share for bakery products are based on the market price of wheat received by farmers plus the cost of the marketing certificate to processors.

<sup>5</sup> Preliminary.

Economic Research Service. Data for 1947-60 in *Agricultural Statistics, 1967*, table 680.

**Table 676.—Marketing bill for farm food products: Consumer expenditures for domestic farm-originated food products bought by civilian consumers, farm value, and marketing bill, United States, 1954-70 <sup>1</sup>**

Year	Total marketing bill	Farm value	Civilian expenditures for farm foods	Year	Total marketing bill	Farm value	Civilian expenditures for farm foods
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>		<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1954.....	32.3	18.8	51.1	1963.....	48.9	22.6	71.5
1955.....	34.4	18.7	53.1	1964.....	51.2	23.4	74.6
1956.....	36.3	19.2	55.5	1965.....	52.1	25.5	77.6
1957.....	37.9	20.4	58.3	1966.....	54.7	28.1	82.8
1958.....	39.5	21.5	61.0	1967.....	57.5	27.3	84.8
1959.....	42.2	20.9	63.1	1968.....	61.1	29.0	90.1
1960.....	44.2	21.7	65.9	1969.....	63.2	32.1	95.3
1961.....	45.1	22.0	67.1	1970 <sup>2</sup> .....	68.5	33.1	101.6
1962.....	46.9	22.4	69.3				

<sup>1</sup> The total marketing bill is the difference between total civilian expenditures for domestic farm-originated food products and the farm value or payment farmers received for the equivalent farm products. It relates only to domestic food bought by civilian consumers and not to that sold to the Armed Forces or exported. Beginning 1960, includes Alaska and Hawaii.

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1947-53 in *Agricultural Statistics, 1967*, table 681.

**Table 677.—Marketing costs: Labor, transportation, corporate profits, and other costs, for marketing farm food products, United States, 1954-70 <sup>1</sup>**

Year	Labor <sup>2</sup>	Rail and truck transportation <sup>3</sup>	Corporate profits <sup>4</sup>		Other <sup>5</sup>	Total marketing bill
			Before taxes	After taxes		
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
1954.....	15.3	3.4	1.6	0.7	12.1	32.3
1955.....	15.7	3.4	1.8	.9	13.5	34.4
1956.....	16.3	3.7	1.9	.9	14.4	36.3
1957.....	16.8	4.0	1.9	.9	15.2	37.9
1958.....	17.1	4.1	1.9	.9	16.4	39.5
1959.....	17.8	4.0	2.1	1.0	18.3	42.2
1960.....	18.7	4.1	2.1	.9	19.3	44.2
1961.....	18.9	4.2	2.2	1.0	19.8	45.1
1962.....	19.7	4.1	2.2	1.0	20.9	46.9
1963.....	20.3	4.2	2.4	1.1	22.0	48.9
1964.....	21.1	4.3	2.8	1.4	23.0	51.2
1965.....	22.4	4.2	3.0	1.6	22.5	52.1
1966.....	23.7	4.4	3.4	1.8	23.2	54.7
1967.....	25.1	4.5	3.4	1.7	24.4	57.5
1968.....	27.3	4.7	3.7	1.8	25.4	61.1
1969.....	29.3	4.8	3.9	1.9	25.2	63.2
1970 <sup>6</sup> .....	32.0					68.5

<sup>1</sup> For domestic farm foods bought by civilian consumers in this country. Beginning 1960, estimates include Alaska and Hawaii.

<sup>2</sup> Labor cost includes imputed earnings of proprietors, partners, and family workers not receiving stated remuneration. It also includes supplements to wages and salaries such as social security and unemployment insurance taxes and health insurance premiums, but it does not include the cost of labor employed in for-hire transportation.

<sup>3</sup> Includes charges for protective services, heating and refrigeration; does not include local hauling. Charges for intercity transportation by water and air are a part of the "other" or residual component of the marketing bill.

<sup>4</sup> Does not include profits of unincorporated firms or transportation firms.

<sup>5</sup> Residual component; includes other costs such as advertising, depreciation, fuel, electric power, containers, packaging materials, air and water transportation, interest on borrowed capital, taxes other than those on income, and noncorporate profits.

<sup>6</sup> Preliminary.

Economic Research Service. Data for 1947-53 in *Agricultural Statistics, 1967*, table 682.

## RAILROAD FREIGHT RATES; PRICES RECEIVED BY FARMERS 473

Table 678.—Railroad freight rates: Index numbers for specified commodities, 1954-70

Year	Railroad freight rate indexes 1967 = 100 <sup>1</sup>									
	Live-stock	Meats	Fruits and vegetables	Wheat	All grains	Soy-beans	Cotton	Wool	Tobacco	Combined indexes <sup>2</sup>
1954.....	91	128	102	107	-----	-----	110	-----	-----	106
1955.....	91	128	102	107	-----	-----	107	-----	-----	105
1956.....	96	133	105	113	-----	-----	103	-----	-----	109
1957.....	104	143	112	119	116	110	102	158	119	116
1958.....	108	132	109	122	120	116	103	161	111	115
1959.....	106	121	102	120	116	115	102	127	100	110
1960.....	105	121	100	119	115	115	101	122	99	109
1961.....	104	121	101	119	114	109	101	122	100	109
1962.....	102	120	100	116	113	107	101	107	100	108
1963.....	100	117	99	114	111	101	101	104	100	106
1964.....	99	113	99	111	108	100	100	100	100	105
1965.....	99	104	99	99	101	99	100	100	100	100
1966.....	99	100	99	99	100	99	100	100	99	99
1967.....	100	100	100	100	100	100	100	100	100	100
1968.....	104	103	103	101	100	101	100	101	102	101
1969.....	108	107	108	102	100	103	103	106	108	103
1970.....	119	117	118	113	109	114	113	119	118	114

<sup>1</sup> All index number series are of the weighted aggregative type. They are based upon averages of rates in effect during the year. Annual averages are computed by weighting the rates by the number of days they are in effect. In constructing the combined index, group indexes were weighted by average revenues for 1957-59.

<sup>2</sup> Beginning 1957, combined index includes soybeans, corn, small grains, wool, and tobacco, in addition to other products for which data are shown separately.

Economic Research Service.

Table 679.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1969 and 1970

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>2</sup>			
	1969	1970 <sup>3</sup>	1969		1970	
			Based on data for—	Parity price	Based on data for—	Parity price
<b>Basic commodities:</b>	<b>Dollars</b>	<b>Dollars</b>		<b>Dollars</b>		<b>Dollars</b>
Cotton:						
American upland..... pound.....	0.2094	0.2150	Oct. 4.....	0.4504	Sept. 4.....	0.4780
Extra-long staple..... do.....	.405	.432	Feb.....	.752	Jan.....	.766
Wheat..... bushel.....	1.24	1.34	June.....	2.77	June.....	2.82
Rice..... cwt.....	4.95	5.09	June.....	7.28	June.....	7.49
Corn..... bushel.....	1.15	1.36	Nov. 4.....	1.67	Nov. 4.....	1.73
Peanuts..... pound.....	.123	.128	July.....	.163	July.....	.170
<b>Tobacco:</b>						
Flue-cured, types 11-14..... do.....	.724	.720	June.....	.926	June.....	.963
Va. fire-cured, type 21..... do.....	.531	.520	Nov.....	.603	Nov.....	.644
Ky.-Tenn. fire-cured, types 22-23..... do.....	.481	.544	Dec.....	.631	Dec.....	.665
Burley, type 31..... do.....	.696	.722	Oct.....	.970	Oct.....	1.01
Maryland, type 32..... do.....	.691	.751	Mar. 5.....	.892	Mar. 5.....	.931
Dark air-cured, types 35-36..... do.....	.403	.460	Nov.....	.566	Nov.....	.589
Sun-cured, type 37..... do.....	.528	.538	Oct.....	.692	Oct.....	.642
Pa. seedleaf, type 41..... do.....	.300	.310	Nov.....	.396	Dec.....	.408
Cigar filler and binder, types 42-44, 53-55..... do.....	.402	.489	Dec.....	.465	Sept.....	.487
Puerto Rican filler, type 46..... do.....	.333	.341	Jan.....	.523	Jan.....	.563
Cigar binder, types 51-52..... do.....	.582	.635	Nov.....	.724	Oct.....	.764
<b>Designated nonbasic commodities:</b>						
Tung nuts..... ton.....	61.00	69.00	Oct.....	105.00	Oct.....	109.00
Milkfat, in cream..... pound.....	.689	.692	Dec. 4.....	.893	Dec. 4.....	.941
All milk, sold to plants..... cwt.....	5.49	5.68	Dec. 4.....	6.23	Dec. 4.....	6.65
Fluid market..... cwt.....	5.87	6.06				
Manufacturing grade..... cwt.....	4.45	4.68				
Honey, extracted (wholesale)..... pound.....	*.132	*.133	Dec. 4.....	.206	Dec. 4.....	.216
Wool and mohair:						
Wool..... pound.....	*.418	*.355	Dec. 4.....	.904	Dec. 4.....	.949
Mohair..... do.....	*.651	*.391	Dec. 4.....	1.19	Dec. 4.....	1.24

See footnotes at end of table.



Table 679.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1969 and 1970—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>2</sup>			
	1969	1970 <sup>3</sup>	1969		1970	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities:						
Field crops and miscellaneous:	Dollars	Dollars	Dollars		Dollars	
Barley.....bushel.....	0.872	0.956	Nov. 4.....	1.37	Nov. 4.....	1.43
Beans, dry edible.....cwt.....	7.61	9.10	July.....	11.20	July.....	11.60
Broomcorn.....ton.....	389.00	426.00		( <sup>4</sup> )		
Castor beans.....cwt.....	4.50	5.00	July.....	73.70	July.....	75.50
Cottonseed.....cwt.....	41.10	56.50	Mar.....	44.60	Mar.....	46.70
Crude pine gum.....barrel.....	36.60	47.40	Apr.....	4.24	Apr.....	4.31
Flaxseed.....bushel.....	2.65	2.39	Jan.....	31.80	Jan.....	33.50
Hay, all, baled.....ton.....	24.70	26.00	July.....	699	July.....	712
Hops.....pound.....	510	560	Apr.....	934	Apr.....	951
Oats.....bushel.....	586	628	July.....	6.36	July.....	6.57
Peas, dry field.....cwt.....	4.56	4.34	July.....	7.22	July.....	7.59
Peppermint oil.....pound.....	4.78	3.64	July.....	4.00	July.....	4.08
Popcorn.....cwt.....	2.53	2.52	Apr.....	3.11	Apr.....	3.19
Potatoes.....cwt.....	2.23	2.20	Apr.....	1.47	Apr.....	1.50
Rye.....bushel.....	1.00	.979	Nov. 4.....	2.67	Nov. 4.....	2.81
Sorghum grain.....cwt.....	1.91	2.04	Aug.....	3.63	Aug.....	3.81
Soybeans.....bushel.....	2.35	2.84	July.....	6.43	July.....	6.65
Spearmint oil.....pound.....	4.99	4.50	June.....	7.54	June.....	8.00
Sweetpotatoes.....cwt.....	4.16	4.28				
Tobacco:						
Cigar wrapper, type 61.....pound.....	4.00	4.00	Dec. 4.....	3.67	Dec. 4.....	4.01
Cigar wrapper, type 62.....do.....	2.80	2.70	Oct.....	3.22	Oct.....	3.44
Fruits:						
Citrus (equiv. on-tree): <sup>18</sup>						
Grapefruit.....box.....	1.58	1.37	Aug.....	1.91	Aug.....	1.98
Lemons.....box.....	3.55	2.93	Oct.....	3.19	Oct.....	3.65
Limes, Florida.....box.....	4.09	2.89	Mar.....	4.61	Mar.....	5.06
Oranges.....box.....	1.36	.84	Oct.....	3.64	Oct.....	3.57
Tangelos.....box.....	1.26	.63	Oct.....	3.80	Oct.....	3.85
Tangerines.....box.....	2.31	1.51				
Templets.....box.....	1.43	1.21				
Deciduous and other:						
Apples:						
For all sales.....pound.....	4.06	4.48	June.....	.0900	June.....	.0963
For fresh consumption <sup>11</sup> .....do.....	5.44	6.46	July.....	69.60	July.....	72.70
For processing.....ton.....	47.40	39.40				
Apricots:						
For all sales.....ton.....	146.00	111.00	May.....	282.00	May.....	298.00
For fresh consumption.....ton.....	212.00	185.00	June.....	1,450.00	June.....	1,520.00
Dried, California.....ton.....	1,200.00	1,090.00	July.....	157.00	July.....	166.00
For processing (except dried).....ton.....	132.00	85.60	Sept.....	389.00	Sept.....	460.00
Avocados.....ton.....	549.00	374.00				
Berries for processing (Washington and Oregon):						
Blackberries.....pound.....	.188	.151	July.....	.169	July.....	.187
Boysenberries.....do.....	.201	.179	July.....	.206	July.....	.230
Gooseberries.....do.....	.124	.120	July.....	.123	July.....	.139
Loganberries.....do.....	.211	.200	July.....	.218	July.....	.233
Raspberries, black.....do.....	.361	.250	July.....	.378	July.....	.416
Raspberries, red.....do.....	.271	.217	July.....	.243	July.....	.268
Youngberries.....do.....	.201	.179	July.....	.206	July.....	.230
Cherries:						
Sweet.....ton.....	337.00	358.00	Apr.....	517.00	Apr.....	532.00
Tart.....ton.....	155.00	151.00	May.....	278.00	May.....	287.00
Cranberries.....barrel.....	16.40	14.30	Aug.....	18.60	Aug.....	20.30
Dates, California <sup>12</sup> .....ton.....	154.00	153.00	Aug.....	206.00	Aug.....	218.00
Figs:						
For fresh consumption, California.....ton.....	298.00	344.00		( <sup>5</sup> )		
Dried, California.....ton.....	206.00	211.00		( <sup>5</sup> )		
For processing (except dried).....ton.....	259.00	250.00		( <sup>5</sup> )		
Grapes:						
For all sales.....ton.....	72.60	95.60	Aug.....	338.00	Aug.....	354.00
Raisin varieties dried, California.....ton.....	264.00	279.00				
Grapes, excluding raisin varieties, dried.....ton.....	75.00	106.00	May.....	89.40	May.....	93.10
Nectarines (California): <sup>14</sup>						
For fresh consumption.....ton.....	141.00	153.00	May.....	172.00	May.....	180.00
For processing.....ton.....	84.00	89.00	July.....	104.00	July.....	109.00

See footnotes at end of table.

Table 679.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1969 and 1970—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>2</sup>			
	1969	1970 <sup>3</sup>	1969		1970	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities—Continued						
Fruits—Continued						
Deciduous and other—Continued <sup>4</sup>						
Olives (California): <sup>12</sup>	Dollars	Dollars		Dollars		Dollars
For all sales.....ton.	329.00	246.00				
Crushed for oil.....ton.	27.00	27.80	July.....	87.50	July.....	81.30
For processing (except crushed).....ton.	342.00	253.00	July.....	364.00	July.....	384.00
For canning.....ton.	388.00	274.00	July.....	411.00	July.....	436.00
Peaches:						
For all sales.....pound.....	.0535	.0622				
For fresh consumption.....do.....	<sup>13</sup> .0671	<sup>13</sup> .0639	Apr.....	.0882	Apr.....	.0923
Dried, California.....ton.	700.00	700.00	July.....	755.00	July.....	821.00
For processing (except dried):						
Clingstone <sup>14</sup> .....ton.	73.40	80.60	June.....	97.90	June.....	102.00
Freestone.....ton.	70.40	67.90	July.....	90.10	July.....	95.30
Pears:						
For all sales.....ton.	101.00	133.00				
For fresh consumption <sup>15</sup> .....ton.	<sup>14</sup> 107.00	<sup>14</sup> 147.00	May.....	182.00	May.....	188.00
Dried, California.....ton.	688.00	860.00	Aug.....	1,080.00	Aug.....	1,130.00
For processing (except dried).....ton.	97.60	126.00	July.....	151.00	July.....	160.00
Persimmons, California.....ton.	125.00	122.00	July.....	224.00		( <sup>9</sup> )
Plums (equiv. on-tree) (California):						
For all sales.....ton.	193.00	104.00				
For fresh consumption.....ton.	203.00	107.00				
For processing.....ton.	8.20					
Pomegranates, California.....ton.	111.00	121.00	July.....	145.00		( <sup>9</sup> )
Prunes, dried (California).....ton.	288.00	216.00				
Prunes and plums:						
For fresh consumption.....ton.	155.00	191.00				
For processing (except dried).....ton.	53.80	83.50				
Strawberries:						
For fresh consumption.....pound.....	.259	.248	Jan.....	.346	Jan.....	.363
For processing.....do.....	.164	.156	July.....	.212	July.....	.221
Seed crops:						
Alfalfa.....cwt.	37.40	35.40	July.....	50.90	July.....	52.90
Bentgrass.....cwt.	50.20	47.30	Jan.....	50.10	Jan.....	53.20
Chewings fescue (Oregon).....cwt.	24.00	34.50	Jan.....	35.40	Jan.....	35.90
Crimson clover.....cwt.	22.80	13.00	Jan.....	27.50	Jan.....	28.30
Hairy vetch.....cwt.	14.70	12.30	Jan.....	16.00	Jan.....	17.30
Ladino clover.....cwt.	70.00	73.00	Jan.....	81.30	Jan.....	86.20
Lepedera.....cwt.	15.60	14.30	July.....	20.80	July.....	22.10
Merion Kentucky bluegrass.....cwt.	90.00	117.00				
Orchardgrass.....cwt.	19.80	20.30	Jan.....	25.80	Jan.....	26.20
Red clover.....cwt.	35.30	31.60	July.....	39.60	July.....	42.00
Red fescue.....cwt.	25.00	34.00	Jan.....	36.70	Jan.....	37.40
Sweetclover.....cwt.	9.02	7.81	July.....	12.50	July.....	12.90
Tall fescue.....cwt.	14.30	9.53	Jan.....	17.10	Jan.....	17.30
Timothy.....cwt.	8.44	7.18	July.....	15.70	July.....	15.80
White clover.....cwt.	58.50	81.20	Jan.....	66.80	Jan.....	70.10
Sugar crops:						
Maple sirup.....gallon.....	6.15	6.83	July.....	7.41		( <sup>9</sup> )
Sugarbeets.....ton.	<sup>11</sup> 14.74	<sup>11</sup> 17.06	July.....	21.50	July.....	22.30
Sugarcane for sugar <sup>16</sup> .....ton.	<sup>11</sup> 11.12	<sup>11</sup> 11.68	July.....	14.00	July.....	14.70
Tree nuts:						
Almonds.....ton.	606.00		July.....	864.00	July.....	902.00
Filberts.....ton.	550.00	570.00	July.....	651.00	July.....	689.00
Pecans, all.....ton.	596.00	784.00	July.....	819.00	July.....	825.00
Improved.....ton.	634.00	846.00				
Seedling.....ton.	538.00	714.00				
Walnuts.....ton.	419.00		July.....	737.00	July.....	739.00
Vegetables for fresh market:						
Artichokes, California <sup>17</sup> .....cwt.	12.20	12.20	July.....	13.80	July.....	14.30
Asparagus.....cwt.	23.50	22.30	Jan.....	24.40	Jan.....	26.70
Beets.....cwt.	( <sup>9</sup> )		Jan.....	6.280		( <sup>9</sup> )
Broccoli <sup>17</sup> .....cwt.	13.20	13.40	Jan.....	11.90	Jan.....	12.70
Cabbage.....cwt.	3.45	4.20	Jan.....	4.10	Jan.....	4.33
Cantaloupe.....cwt.	5.62	6.17	Jan.....	7.44	Jan.....	7.89
Carrots <sup>17</sup> .....cwt.	6.24	5.11	Dec. <sup>4</sup> .....	5.08	Dec. <sup>4</sup> .....	5.44
Cauliflower <sup>17</sup> .....cwt.	12.10	12.50	Nov. <sup>4</sup> .....	10.60	Nov. <sup>4</sup> .....	11.40
Celery.....cwt.	5.55	5.72	Dec. <sup>4</sup> .....	5.94	Dec. <sup>4</sup> .....	6.24
Cucumbers.....cwt.	7.15	6.38	Jan.....	8.53	Jan.....	9.00

See footnotes at end of table.

Table 679.—Farm product prices: Season average prices received by farmers and parity prices for selected months, United States, 1969 and 1970—Continued

Commodity and unit	Season average price <sup>1</sup>		Parity price <sup>2</sup>			
	1969	1970 <sup>3</sup>	1969		1970	
			Based on data for—	Parity price	Based on data for—	Parity price
Other nonbasic commodities—Continued	Dollars	Dollars		Dollars		Dollars
Vegetables for fresh market—Continued						
Eggplant.....cwt.	8.50	8.08	Jan.....	9.15	Jan.....	10.00
Escarole, Florida.....cwt.	7.49	7.13	Jan.....	8.53	Jan.....	9.19
Garlic.....cwt.	6.50	7.10	Jan.....	13.20	Jan.....	13.50
Green peas (shelled).....cwt.	( <sup>4</sup> )	( <sup>4</sup> )	Jan.....	16.30	Jan.....	( <sup>4</sup> )
Green peppers.....cwt.	13.40	18.40	Jan.....	13.30	Jan.....	14.00
Honeydew melons.....cwt.	5.86	5.66	Apr.....	8.41	Apr.....	8.65
Kale, Virginia.....cwt.	( <sup>4</sup> )	( <sup>4</sup> )	Jan.....	9.47	Jan.....	( <sup>4</sup> )
Lettuce.....cwt.	5.40	4.83	Nov. <sup>5</sup>	6.21	Nov. <sup>5</sup>	6.60
Lima beans (shelled).....cwt.	( <sup>4</sup> )	( <sup>4</sup> )	Jan.....	14.40	Jan.....	( <sup>4</sup> )
Onions.....cwt.	4.60	3.94	Feb.....	4.93	Feb.....	5.25
Shallots, Louisiana.....cwt.	( <sup>4</sup> )	( <sup>4</sup> )	Jan.....	13.10	Jan.....	( <sup>4</sup> )
Snap beans.....cwt.	12.90	13.00	Jan.....	14.80	Jan.....	15.80
Spinach.....cwt.	10.40	11.30	Jan.....	11.40	Jan.....	12.30
Sweet corn.....cwt.	4.98	5.33	Jan.....	6.28	Jan.....	6.70
Tomatoes.....cwt.	11.60	11.30	Dec. <sup>6</sup>	11.90	Dec. <sup>6</sup>	13.10
Watermelons.....cwt.	2.05	2.07	Jan.....	2.41	Jan.....	2.53
Vegetables for processing:						
Asparagus.....ton.	362.00	374.00	Jan.....	392.00	Jan.....	429.00
Beets.....ton.	22.00	21.30	Jan.....	27.70	Jan.....	29.40
Cabbage.....ton.	19.10	18.20	Jan.....	22.20	Jan.....	23.70
Cucumbers.....ton.	91.50	94.20	Jan.....	97.60	Jan.....	107.00
Green peas (shelled).....ton.	106.00	109.00	Jan.....	136.00	Jan.....	144.00
Lima beans (shelled).....ton.	179.00	183.00	July.....	240.00	July.....	253.00
Snap beans.....ton.	69.50	95.40	Jan.....	147.00	Jan.....	152.00
Spinach.....ton.	42.40	42.60	Jan.....	55.50	Jan.....	58.20
Sweet corn.....ton.	25.10	23.90	July.....	31.80	July.....	33.30
Tomatoes.....ton.	34.70	34.00	Jan.....	46.50	Jan.....	49.40
Livestock and livestock products:						
All beef cattle.....cwt.	26.20	27.10	Dec. <sup>6</sup>	30.10	Dec. <sup>6</sup>	31.50
Cows.....cwt.	19.10	20.30				
Steers and heifers.....cwt.	28.30	29.00				
Beeswax.....pound	.611	.602	July.....	.707	July.....	.747
Calves.....pound	31.50	34.50	Dec. <sup>6</sup>	35.00	Dec. <sup>6</sup>	36.90
All chickens, live.....pound	.147	( <sup>7</sup> )	Dec. <sup>6</sup>	.212	Dec. <sup>6</sup>	( <sup>7</sup> )
Excluding broilers, live.....do.	.097	.088				
Broilers, live.....do.	.152	.135				
Eggs.....dozen	.400	.376	Dec. <sup>6</sup>	.500	Dec. <sup>6</sup>	.514
Hogs.....cwt.	22.20	22.70	Dec. <sup>6</sup>	25.20	Dec. <sup>6</sup>	26.10
Lambs.....cwt.	27.20	26.40	Dec. <sup>6</sup>	29.20	Dec. <sup>6</sup>	30.90
Milk cows <sup>10</sup> .....head	300.00	332.00				
Milk, retail <sup>10</sup> .....quart	.259	.271				
Sheep.....cwt.	8.24	7.64	Dec. <sup>6</sup>	8.89	Dec. <sup>6</sup>	9.15
Turkeys, live.....pound	.224	.227	Dec. <sup>6</sup>	.323	Dec. <sup>6</sup>	.328

<sup>1</sup> Season average prices for crops; weighted calendar year average for livestock and livestock products. Unless otherwise noted, these are averages for marketing season or calendar year computed by weighting State prices by quantities sold, or by production for those commodities for which virtually all the production is sold.

<sup>2</sup> Preliminary. <sup>3</sup> Parity prices as computed, currently using base prices in effect and indexes for months indicated. Parity prices shown are those used in connection with a support price determination, when applicable, otherwise for the most recent month available preceding the start of the crop marketing season for crops and the calendar year for livestock and livestock products. <sup>4</sup> Previous year. <sup>5</sup> Following year. <sup>6</sup> State annual average prices weighted by production to obtain U.S. averages. <sup>7</sup> Average local market price for wool sold excluding incentive payment. <sup>8</sup> Average local market price for mohair sold excluding incentive payment. <sup>9</sup> Discontinued. <sup>10</sup> Crop year begins with bloom in one year and ends with completion of harvest the following year. Beginning with the 1968 edition, prices refer to the year of harvest; in former editions, prices referred to the year of bloom. <sup>11</sup> Equivalent packinghouse-door returns for Washington and Oregon, equivalent first delivery point returns for California, and prices as sold for other States. <sup>12</sup> Equivalent per unit returns for bulk fruit at first delivery point. <sup>13</sup> Prices for fresh use in New York, Pennsylvania, Michigan, Virginia, North Carolina, South Carolina, Georgia, Washington, and California, and average price for all sales in all other States. <sup>14</sup> Packinghouse-door returns for fresh consumption for Washington and Oregon, equivalent first delivery point returns for California, average prices for fresh use for New York and Michigan, and average prices for all methods of sale for other States. <sup>15</sup> Prices include average conditional payments to farmers authorized by the Sugar Acts. <sup>16</sup> Continental United States only. <sup>17</sup> Includes some processing. <sup>18</sup> Simple average of States weighted by estimated Jan. 1 head for U.S. average. <sup>19</sup> Sold by farmers directly to consumers.

Statistical Reporting Service.

# AGRICULTURAL COMMODITY SUPPORT PRICES

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Table 680.—Agricultural commodity support prices per unit, United States, 1962-71<sup>1</sup>

Commodity and unit	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
<b>MANDATORY<sup>2</sup></b>										
<b>Basic commodities:</b>										
Corn:										
Support level <sup>3</sup> .....bushel..	Dollars 1.20	Dollars 1.25	Dollars 1.25	Dollars 1.25	Dollars 1.30	Dollars 1.35	Dollars 1.35	Dollars 1.35	Dollars 1.35	Dollars 1.35
Loan rate.....do.....	1.20	1.07	1.10	1.05	1.00	1.05	1.05	1.05	1.05	1.05
Cotton:										
American upland: <sup>4</sup>										
Support level <sup>5</sup> .....pound..	.3247	.3247	.3350	.3335	.3042	.3178	.3249	.3406	.3705	.3450
Loan rate.....do.....	.3247	.3247	.3000	.2900	.2100	.2025	.2025	.2025	.2025	.1950
Extra-long staple:										
Support level <sup>5</sup> .....do.....	.5317	.5317	.4925	.4925	.4925	.4700	.4869	.4888	.4979	.5109
Loan rate.....do.....	.5317	.5317	.4925	.4925	.4925	.4700	.4000	.4000	.4050	.3840
Peanuts.....do.....	.1107	.112	.112	.112	.1135	.1135	.1201	.1238	.1275	.1335
Rice.....do.....	4.71	4.71	4.71	4.50	4.50	4.55	4.60	4.72	4.86	4.93
Wheat:										
Support level <sup>3</sup> .....bushel..	2.00	2.00	2.00	2.00	2.57	2.61	2.63	2.77	2.82	2.92
Loan rate.....do.....	2.00	1.82	1.30	1.25	1.25	1.25	1.25	1.25	1.25	1.25
Tobacco:										
Flue-cured, types										
11-14.....pound..	.561	.566	.572	.577	.588	.599	.616	.638	.666	.694
Fire-cured, types 21-23.....do..	.392	.396	.400	.404	.411	.419	.431	.446	.466	.485
Burley, type 31.....do.....	.578	.583	.589	.595	.606	.618	.635	.658	.686	.715
Maryland, type 32.....do.....	.513	.518	.523	.528						
Dark air-cured, types										
35-36.....do.....	.348	.352	.355	.359	.366	.373	.383	.397	.414	.431
Virginia sun-cured,										
type 37.....do.....	.348	.352	.355	.359	.366	.373	.383	.397	.414	.431
Puerto Rican cigar										
filler, type 46.....do.....	.300	.303	.306	.309	.315	.321	.330	.342	.356	.371
Cigar filler and binder,										
types 42-44, 53-55.....do.....	.289	.292	.295	.297	.303	.309	.317	.329	.343	.358
Cigar binder, types										
51-52.....do.....	.400	.404	.408	.412	.420	.428	.440	.455	.475	.495
<b>Nonbasic commodities:</b>										
Butterfat.....do.....	.572	.581	.580	.594	.680	.680	.660	.686	.715	( <sup>6</sup> )
Milk for manufacturing.....cwt..	3.11	3.14	3.15	3.24	4.00	4.00	4.28	4.28	4.66	4.93
Honey, wholesale,										
extracted.....pound..	.112	.112	.112	.112	.114	.125	.125	.130	.130	.140
Mohair.....do.....	.74	.76	.72	.72	.758	.764	.774	.774	.802	.802
Tung nuts.....ton.....	63.34	63.34	63.34	63.34	63.34	63.34	64.22	68.25		
Wool.....pound..	.62	.62	.62	.62	.65	.66	.67	.69	.72	.72
Barley: <sup>8</sup>										
Support level <sup>3</sup> .....bushel..	.93	.96	.96	.96	1.00	.90	.90	1.03	1.03	1.81
Loan rate.....do.....	.93	.82	.84	.80	.80	.90	.90	.83	.83	.81
Sorghum grain: <sup>9</sup>										
Support level <sup>3</sup> .....cwt..	1.93	2.00	2.00	2.00	2.05	2.14	2.15	2.14	2.14	2.25
Loan rate.....cwt..	1.93	1.71	1.77	1.65	1.52	1.61	1.62	1.61	1.61	1.73
Oats: <sup>10</sup>										
Support level <sup>3</sup> .....bushel..	.62	.65	.65	.60	.60	.63	.63	.63	.63	.54
Rye: <sup>11</sup>										
Support level <sup>3</sup> .....do.....	1.02	1.07	1.07	1.02	1.02	1.02	1.02	1.02	1.02	.89
<b>NONMANDATORY</b>										
<b>Nonbasic commodities:</b>										
Beans, dry edible.....cwt..	6.32	6.32	6.32	6.32	6.33	6.37	6.38	6.39	6.40	6.40
Cottonseed <sup>12</sup> .....ton.....	48.00	44.00	44.00	43.00	48.00	48.00	48.00	37.00	( <sup>6</sup> )	
Flaxseed.....bushel..	2.90	2.90	2.90	2.90	2.90	2.90	2.90	2.75	2.50	2.50
Soybeans.....do.....	2.25	2.25	2.25	2.25	2.50	2.50	2.50	2.25	2.25	2.25

<sup>1</sup> National averages during the marketing years for the individual crops, beginning in the years shown.

<sup>2</sup> Commodities grouped under "Mandatory" are those which the Commodity Credit Corporation is required by law to support.

<sup>3</sup> Represents the average loan rate plus any direct price-support payment (or in the case of wheat the value of the domestic marketing certificate) received by participants in the program for the commodity. The basis of such payments varies among the crops and from year to year.

<sup>4</sup> Basis 1-inch Middling.

<sup>5</sup> Suspended for 3 years.

<sup>6</sup> Grade No. 2 or better except for oats which is Grade No. 3.

<sup>7</sup> Payment rate dropped; support level and loan rate are the same.

<sup>8</sup> Support rates to ginners, basis Grade 100, through 1962; beginning 1963, for ginners' purchases from producers, basis Grade 100, plus appropriate differentials to reflect ginners' normal handling costs.

<sup>9</sup> No support program.

Agricultural Stabilization and Conservation Service. Data for 1949-61 in *Agricultural Statistics, 1967*, table 685.

**Table 681.—Wholesale prices: Index numbers, by groups of commodities, United States, 1954-70**  
[1967 = 100]

Year	Farm products	All foods	Hides, skins, leather, and related products	Fuels and related products and power	Chemicals and allied products	Rubber and rubber products	Lumber and wood products	Metals and metal products	Furniture and household durables	Tobacco products <sup>1</sup>	All commodities other than farm products and processed food	All commodities
1954.....	104.7	90.0	77.6	91.3	98.9	90.4	92.6	76.9	92.9	82.6	85.0	87.6
1955.....	98.2	87.8	77.3	91.2	98.5	102.4	97.1	82.1	93.3	82.7	86.0	87.8
1956.....	96.9	87.7	81.9	94.0	99.1	103.8	98.5	89.2	95.8	82.8	90.8	90.7
1957.....	99.5	90.3	82.0	96.1	101.2	103.4	93.5	91.0	98.3	86.3	93.3	93.3
1958.....	103.9	95.1	82.9	95.3	102.0	103.3	92.4	90.4	99.1	89.5	93.6	94.6
1959.....	97.5	90.7	94.2	95.3	101.6	102.9	98.8	92.3	99.3	90.1	93.3	94.8
1960.....	97.2	92.1	90.8	96.1	101.8	103.1	95.3	92.4	99.0	90.3	95.3	94.9
1961.....	96.3	92.1	91.7	97.2	100.7	99.2	91.0	91.9	98.4	90.3	94.8	94.5
1962.....	98.0	92.6	92.7	96.7	99.1	96.3	91.6	91.2	97.7	90.4	94.8	94.8
1963.....	96.0	92.4	90.0	96.3	97.9	95.8	93.5	91.3	97.0	92.6	94.7	94.5
1964.....	94.6	92.8	90.3	93.7	95.3	95.5	95.4	93.8	97.4	93.9	95.2	94.7
1965.....	98.7	96.2	94.3	95.5	99.0	95.9	95.9	96.4	96.9	94.1	96.4	96.6
1966.....	105.9	101.9	103.4	97.8	99.4	97.8	100.2	98.8	98.0	97.1	98.5	99.8
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968.....	102.5	103.4	103.2	98.9	99.8	103.4	113.3	102.6	102.8	102.0	102.5	102.5
1969.....	108.8	109.6	108.6	101.0	99.9	105.4	125.2	108.5	104.9	107.0	106.0	106.5
1970 <sup>2</sup> .....	111.0	114.1	110.1	105.9	102.2	108.6	113.7	116.7	107.5	114.0	110.0	110.4

<sup>1</sup> The index for tobacco products and bottled beverages formerly appearing in this table was discontinued in 1967.

<sup>2</sup> Beginning January 1967, reclassified "industrial commodities."

<sup>3</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Labor.

**Table 682.—Prices received by farmers: Index numbers by groups of commodities and parity ratio, United States, 1954-70**  
[1910-14 = 100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>1</sup>	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweetpotatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Wool	Livestock and livestock products	All farm products	Parity ratio <sup>2</sup>
1954.....	232	203	274	443	304	209	206	216	226	169	242	283	246	178	298	249	246	80
1955.....	228	183	272	437	249	202	198	223	239	178	231	246	247	191	249	234	232	84
1956.....	224	182	268	452	255	215	212	232	251	212	235	235	255	176	238	226	230	83
1957.....	225	166	263	466	244	203	204	226	224	150	225	275	259	162	292	244	235	82
1958.....	208	154	253	482	225	248	261	241	269	171	223	335	254	170	216	273	230	85
1959.....	202	156	267	506	219	215	221	239	267	168	222	313	257	143	231	256	240	81
1960.....	203	152	254	500	214	244	254	230	256	204	222	296	259	160	235	253	239	80
1961.....	209	152	261	526	257	246	255	225	248	157	227	299	260	146	232	251	240	79
1962.....	226	155	271	530	248	233	238	248	283	157	232	310	253	145	252	255	244	80
1963.....	224	165	271	494	258	291	306	236	268	156	240	290	253	146	269	245	243	78
1964.....	190	167	262	490	256	306	320	248	286	230	239	270	256	142	291	236	237	76
1965.....	164	174	245	513	265	246	247	261	297	295	233	319	261	145	262	261	248	77
1966.....	185	180	215	552	293	257	259	285	331	198	236	356	294	161	275	292	266	80
1967.....	177	174	191	555	276	244	242	283	324	193	226	336	306	132	223	277	254	74
1968.....	160	159	192	567	264	310	318	302	352	202	229	346	318	142	220	288	261	73
1969.....	154	167	173	594	252	242	243	298	359	208	219	400	326	162	226	321	274	74
1970 <sup>3</sup> .....	162	177	183	604	266	237	236	294	362	222	226	405	345	151	194	326	280	72

See footnotes on page 479.

Table 683.—Prices received by farmers: Index numbers by groups of commodities and price ratio, United States, 1954-70

[1967 = 100]

Year	Food grains	Feed grains and hay	Cotton	Tobacco	Oil-bearing crops	Fruit	Fruit for fresh market <sup>1</sup>	Commercial vegetables	Commercial vegetables for fresh market	Potatoes, sweetpotatoes, and dry edible beans	All crops	Meat animals	Dairy products	Poultry and eggs	Wool	Livestock and livestock products	All farm products	Price ratio <sup>2</sup>
1954.....	131	117	144	80	110	86	85	76	70	87	107	84	80	135	134	90	97	120
1955.....	129	105	142	79	90	83	82	79	74	92	102	73	81	145	112	84	91	112
1956.....	126	105	140	81	93	88	88	82	77	110	104	70	83	133	107	82	91	112
1957.....	127	96	138	84	88	83	84	80	75	78	99	82	85	122	131	88	92	110
1958.....	117	88	132	87	82	102	108	85	83	89	99	100	83	129	97	99	98	114
1959.....	114	90	140	91	79	88	91	85	82	87	98	93	84	108	104	93	95	109
1960.....	115	87	133	90	77	100	105	82	79	106	99	88	85	121	106	91	94	107
1961.....	118	87	137	95	93	101	106	79	76	82	100	89	85	111	104	91	94	107
1962.....	128	89	142	96	90	95	98	88	87	81	103	92	83	110	113	92	96	107
1963.....	126	95	142	89	94	120	127	83	83	81	106	86	83	111	121	89	96	105
1964.....	107	96	137	88	93	125	132	88	88	119	106	80	84	108	131	85	93	101
1965.....	93	100	128	92	96	101	102	92	92	153	103	95	85	110	117	94	98	104
1966.....	104	104	113	99	106	105	107	101	102	103	105	106	96	122	124	105	105	107
1967.....	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
1968.....	91	91	100	102	96	127	132	107	109	105	101	103	104	108	99	104	103	99
1969.....	87	96	91	107	91	99	101	105	111	108	97	119	107	123	101	116	108	99
1970 <sup>3</sup> .....	92	101	96	109	97	97	97	104	112	115	100	121	113	115	87	118	110	96

<sup>1</sup> Fresh market for noncitrus, and fresh market and processing for citrus.<sup>2</sup> Ratio of index of prices received to index of prices paid including interest, taxes, and farm wage rates.<sup>3</sup> Preliminary.

Statistical Reporting Service. The price series for individual commodities are averages for all classes and grades of the commodity being sold in local farm markets on or about the 15th of each month. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1953-57.

## FOOTNOTES FOR TABLE 682

<sup>1</sup> Fresh market for noncitrus, and fresh market and processing for citrus.<sup>2</sup> Ratio of index of prices received to the Parity Index.<sup>3</sup> Preliminary.

Statistical Reporting Service. The price series for individual commodities are averages for all classes and grades of the commodity being sold in local farm markets on or about the 15th of each month. In computing the group indexes, prices of individual commodities have been weighted by average quantities sold during 1953-57. Data for 1944-53 in *Agricultural Statistics, 1967*, table 687. See table 683 for data on 1967 = 100 basis.



Table 684.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1954-70<sup>1</sup>

[1910-14 = 100]

	Commodities bought for use in production									
Year	Feed	Live-stock	Motor supplies	Motor vehicles	Farm machinery	Farm supplies	Building and fencing materials	Fertilizer	Seed	All commodities bought for use in production
1954.....	226	302	162	355	312	264	348	158	224	255
1955.....	211	297	164	358	312	259	356	155	235	251
1956.....	206	276	167	367	326	260	371	152	208	250
1957.....	201	310	173	395	342	262	383	153	215	257
1958.....	198	380	172	412	357	264	385	153	212	264
1959.....	199	380	173	425	372	262	393	152	202	266
1960.....	194	358	175	420	382	262	393	152	211	265
1961.....	196	357	176	417	391	265	391	154	209	266
1962.....	198	371	174	433	398	265	390	153	217	270
1963.....	207	351	175	447	405	266	389	152	231	273
1964.....	205	312	174	454	414	268	388	151	229	270
1965.....	207	344	176	464	426	270	391	152	237	276
1966.....	217	383	177	480	442	271	399	152	232	285
1967.....	212	372	181	498	462	274	407	153	236	287
1968.....	203	389	184	525	484	279	431	148	250	292
1969.....	205	436	190	545	509	286	464	142	254	304
1970.....	216	450	194	567	537	292	469	148	265	314

Commodities bought for use in family maintenance							All commodities bought for use in production and family maintenance	Interest payable per acre	Taxes payable per acre	Wage rates for hired farm labor <sup>1</sup>	All commodities bought, including interest, taxes, and wage rates <sup>1</sup>	
Year	Food and tobacco	Clothing	Household Operation	Furnishings	Building materials, house	Autos and auto supplies						All commodities bought for use in family maintenance
1954.....	264	304	194	272	379	292	270	262	125	384	510	278
1955.....	259	305	195	266	388	297	270	259	136	403	516	276
1956.....	261	313	198	266	401	301	274	260	151	432	536	278
1957.....	271	318	203	268	407	316	282	267	167	462	558	287
1958.....	283	322	206	266	403	321	287	273	182	494	574	294
1959.....	278	329	208	267	410	330	288	275	200	532	612	298
1960.....	279	339	208	265	412	326	290	275	221	587	631	300
1961.....	282	342	212	261	410	319	291	276	242	618	641	302
1962.....	286	349	216	260	408	324	295	280	268	656	660	307
1963.....	290	352	220	258	409	329	298	283	300	681	677	312
1964.....	294	356	223	256	409	331	300	282	339	710	693	313
1965.....	303	362	225	257	413	333	306	288	383	756	728	321
1966.....	319	377	228	257	423	337	315	297	429	819	785	334
1967.....	320	397	233	263	434	346	322	302	478	888	847	342
1968.....	329	422	239	272	464	364	335	310	525	987	917	355
1969.....	344	447	246	282	503	376	351	324	569	1,097	1,010	373
1970.....	362	475	256	291	498	392	366	336	611	1,191	1,083	390

<sup>1</sup> The overall index is shown as the Parity Index which is the Index of Prices Paid by Farmers including Interest, Taxes, and Wage Rates.<sup>2</sup> Simple average of quarterly indexes seasonally adjusted.Statistical Reporting Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 688. See table 685 for data on 1967 = 100 basis.

Table 685.—Prices paid by farmers: Index numbers, by groups of commodities, United States, 1954-70<sup>1</sup>

[1967 = 100]

	Commodities bought for use in production									
Year	Feed	Live-stock	Motor supplies	Motor vehicles	Farm machinery	Farm supplies	Building and fencing materials	Fertilizer	Seed	All commodities bought for use in production
1954....	107	81	90	71	68	96	86	103	95	89
1955....	100	80	91	72	68	95	87	101	100	87
1956....	97	74	92	74	71	95	91	99	88	87
1957....	95	83	96	79	74	96	94	100	91	90
1958....	93	102	95	83	77	96	95	100	90	92
1959....	94	102	96	85	81	97	96	99	86	93
1960....	92	96	96	84	82	96	97	100	89	92
1961....	93	96	97	84	84	97	96	100	89	93
1962....	94	100	97	87	86	97	96	100	92	94
1963....	98	94	97	90	88	97	96	99	97	95
1964....	97	84	96	91	90	98	95	99	97	94
1965....	98	92	97	93	92	98	96	100	100	96
1966....	102	103	98	96	96	99	98	99	98	99
1967....	100	100	100	100	100	100	100	100	100	100
1968....	95	104	102	105	105	102	106	97	106	102
1969....	97	117	105	109	110	104	114	93	108	106
1970....	102	121	107	114	116	107	115	97	114	110

	Commodities bought for use in family maintenance						All commodities bought for use in production and family maintenance	Interest payable per acre	Taxes payable per acre	Wage rates for hired farm labor <sup>1</sup>	All commodities bought, including interest, taxes, and wage rates
Year	Food and tobacco	Clothing	Household		Building materials, house	Autos and auto supplies					
			Operation	Furnishings							
1954....	82	77	83	103	87	84	84	87	26	43	81
1955....	81	77	84	101	89	86	84	86	28	45	81
1956....	82	79	85	101	92	87	85	86	32	49	81
1957....	85	80	87	102	94	91	88	88	35	52	84
1958....	88	81	88	101	93	93	89	90	38	56	86
1959....	87	83	89	102	94	95	89	91	42	60	87
1960....	87	85	89	101	95	94	90	91	46	66	74
1961....	88	86	91	99	94	92	90	92	51	70	76
1962....	89	88	93	99	94	94	91	92	56	74	90
1963....	89	91	94	98	94	95	92	94	63	77	80
1964....	92	90	95	97	94	96	93	93	71	80	82
1965....	95	91	97	98	95	96	95	96	80	85	86
1966....	100	95	98	98	98	97	98	98	90	92	93
1967....	100	100	100	100	100	100	100	100	100	100	100
1968....	103	106	103	104	107	105	104	103	110	111	108
1969....	107	112	106	107	116	109	109	107	119	124	119
1970....	113	120	110	110	115	113	114	111	128	134	118

<sup>1</sup> Simple average of quarterly indexes seasonally adjusted.

Statistical Reporting Service.

Table 686.—Prices paid by farmers: Prices, by commodities, United States, 1967-70<sup>1</sup>

Commodity and unit	1967	1968	1969	1970
	Dollars	Dollars	Dollars	Dollars
Food:				
Steak, round, per pound.....	0.994	1.02	1.14	1.17
Hamburger (beef), per pound.....	.596	.611	.670	.717
Chuck roast, per pound.....	.636	.655	.747	.744
Bologna, per pound.....	.648	.662	.737	.765
Bacon, sliced, per pound.....	.767	.741	.838	.856
Ham, whole, per pound.....	.698	.695	.746	.806
Pork chops, per pound.....	.871	.874	.990	.969
Pork sausage, per pound.....	.623	.631	.719	.719
Frying chickens, per pound.....	.378	.395	.416	.398
Salmon, pink, per 16-ounce can.....	.806	.878	.899	.930
Frozen haddock, per pound.....	.650	.654	.700	.780
Lard, per pound.....	.226	.213	.232	.262
Vegetable shortening, per 3-pound can.....	.846	.822	.842	.922
Margarine, per pound.....	.284	.278	.270	.289
Salad dressing, per quart jar.....	.553	.551	.557	.590
Peanut butter, per pound.....	.540	.543	.562	.586
Milk, fluid, per half gallon.....	1.273	.567	.588	.608
Milk, evaporated, per 14½-ounce can.....	.181	.187	.191	.204
Butter, packaged, per pound.....	.883	.890	.904	.930
Cheese:				
Processed, American, per pound.....	.742	.748	.778	.854
Natural cheddar, American, per pound.....	.783	.793	.835	.914
Ice cream, per half gallon.....	.850	.860	.872	.893
Eggs, per dozen.....	.459	.529	.628	.528
Flour, per 25-pound sack.....	2.50	2.47	2.48	2.52
Bread, white, loaf, per pound.....	.232	.234	.241	.254
Soda crackers, packaged, per pound.....	.336	.350	.356	.384
Corn flakes, packaged, per pound.....	.431	.436	.437	.451
Baking powder, canned, per pound.....	.314	.332	.350	.374
Cake mix, packaged, per pound.....	.344	.343	.353	.357
Gelatin dessert, flavored, per pound.....	.621	.626	.634	.666
Corn, per standard No. 303 can.....	.227	.244	.253	.241
Peas, per standard No. 303 can.....	.220	.229	.224	.229
Beans, dry, Navy, per pound.....	.194	.202	.199	.206
Potatoes, Irish, per 10-pound bag.....	.631	.670	.704	.771
Cabbage, per pound.....	.108	.114	.114	.139
Lettuce, per head.....	.227	.240	.295	.325
Tomatoes, fresh, per pound.....	.308	.365	.408	.392
Frozen peas, per 10-ounce package.....	.226	.229	.233	.239
Apples, per pound.....	.188	.211	.225	.204
Bananas, per pound.....	.165	.167	.170	.170
Oranges, per dozen.....	.635	.740	.681	.733
Frozen orange juice concentrate, per 6-ounce can.....	.200	.227	.253	.240
Peaches, halves in heavy sirup, per No. 2½ can.....	.335	.376	.370	.370
Sugar, per 5-pound bag.....	.646	.658	.670	.700
Sirup:				
Cane blend with corn and sugar sirup, per pint (16 fl. oz.).....	.288	.301	.318	.340
Maple blend with corn and sugar sirup, per pint (16 fl. oz.).....	.403	.414	.434	.466
Candy, non-chocolate, without nuts, per pound.....	.428	.448	.471	.497
Coffee, ground, per pound.....	.814	.818	.834	.969
Tea, Orange Pekoe, packaged, per pound.....	1.76	1.78	1.78	1.85
Cola drinks, 10-12 oz., per carton of 6.....	.129	.140	.148	.662
Tobacco:				
Smoking tobacco, packaged, per pound.....	1.91	1.91	2.07	2.22
Cigarettes, per package of 20.....	.315	.332	.350	.380
Clothing and yard goods:				
Men's clothing:				
Overalls, each.....	4.48	4.88	5.22	5.64
Shirts, cotton, work, each.....	2.73	2.94	3.14	3.27
Undershirts, sleeveless, each.....	.846	.909	.985	1.02
Shorts, each.....	.943	1.02	1.09	1.11
Union suits, heavy, cotton, each.....	3.45	3.70	3.89	4.08
Gloves, canvas, work, per pair.....	.436	.462	.489	.511
Jackets, chore, lined, each.....	7.48	8.99	8.55	8.62
Socks, cotton, work, per pair.....	.404	.428	.450	.474
Shoes, work, per pair.....	10.50	11.00	11.60	12.20
Boots, rubber, knee-length, per pair.....	7.42	7.63	7.98	8.28
Suits, winter weight, wool or wool blend, 1 pair pants, each.....	55.50	59.10	64.90	70.40
Slacks, dress, wool, wool blend, or polyester blend, each.....	13.10	13.90	14.80	12.80
Slacks, casual, cotton or polyester blend, each.....	8.60	9.07	9.60	8.47
Shirts, broadcloth, each.....	3.76	4.04	4.27	4.66
Coats, winter, or topcoats, each.....	47.60	50.80	53.10	44.20
Hats, felt, each.....	8.80	9.17	9.52	9.87
Shoes, dress, per pair.....	12.00	12.70	13.40	14.18
Overshoes, rubber, per pair:				
Arctics, with buckles or zippers.....	6.32	6.55	6.81	7.02
Rubbers, without buckles or zippers.....	3.79	4.06	4.24	4.24

See footnotes at end of table.

Table 686.—Prices paid by farmers: Prices, by commodities, United States, 1967-70<sup>1</sup>  
—Continued—

Commodity and unit	1967	1968	1969	1970
<b>Clothing and yard goods—Continued</b>				
Boys' clothing:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Suits, 6-12 years, each.....	17.80	18.30	19.00	19.40
Overalls, waist, each.....	3.07	3.34	3.55	3.83
Sweaters, pull-over, part-wool, each.....	6.11	6.49	6.70	7.03
Shoes, dress, sizes 2½-6, per pair.....	7.44	7.80	8.24	8.92
Women's clothing:				
Dresses:				
Budget-priced, each <sup>a</sup> .....	4.72	5.12	5.62	7.89
Casual or daytime, each <sup>b</sup> .....	7.88	8.26	8.85	11.30
Better dresses, each <sup>c</sup> .....	10.40	11.00	11.80	20.30
Panties or briefs, nylon, each.....	.869	.910	.932	.984
Slips, cotton, each.....	2.53	2.66	2.74	2.82
Nightgowns, cotton, each.....	3.10	3.28	3.48	3.77
Car coats, each.....	18.40	20.50	22.10	24.00
Coats, heavy, each: <sup>d</sup>				
With fur trim.....	60.00	63.40	66.90	66.90
Without fur trim.....	39.30	41.20	45.00	44.20
Sweaters, man-made fibers, each.....	7.24	7.78	8.02	8.75
Hats, felt, each.....	4.95	5.21	5.49	5.56
Hose, nylon, per pair.....	.928	.940	.949	.991
Shoes or oxfords, per pair.....	7.18	7.76	8.41	9.37
Girls' clothing:				
Dresses, cotton, sizes 7-14 years, each.....	4.61	4.88	5.16	5.64
Coats, heavy, each <sup>e</sup> .....	19.00	20.20	20.80	18.90
Shoes, dress or oxfords, sizes 12½-3, per pair.....	5.58	5.95	6.39	6.89
Yard goods:				
Percalé, 36-inch width, per yard.....	.547	.570	.606	.614
Gingham, 36-inch width, per yard.....	.722	.736	.757	.783
Household operation:				
Coal, bituminous, prepared sizes, per ton.....	20.00	20.80	21.60	24.90
Coal, bituminous, run-of-mine, per ton.....	19.00	19.40	20.60	22.70
Coal, anthracite, per ton.....	28.50	27.40	28.20	30.10
Wood, per cord.....	16.40	17.20	18.10	21.80
Electricity, per kilowatt hour.....	.0217	.0215	.0209	.0212
Telephone, per month.....	5.15	5.30	5.55	5.72
Newspapers, yearly subscription.....	13.20	13.60	14.40	14.90
Laundry starch, aerosol spray can, per pound <sup>f</sup> .....	.248	.255	.271	.509
Laundry detergent, per pound.....	.286	.296	.308	.313
Toilet soap, regular size, per cake.....	.140	.144	.147	.153
Household furnishings:				
Floor lamps, medium quality, each.....	21.50	23.50	27.00	29.60
Radios, table model, 4 tubes, plus rectifier, each.....	19.60	20.00	19.30	19.00
Television sets, 18-inch portable, B & W, each <sup>g</sup> .....	152.00	150.00	150.00	151.00
Television sets, 23-inch console, color, each <sup>h</sup> .....	556.00	556.00	550.00	546.00
Refrigerators, 14 cu. ft. capacity, each.....	288.00	294.00	297.00	301.00
Washing machines, wringer type, elec., each.....	151.00	156.00	160.00	164.00
Washing machines, automatic, elec., each.....	236.00	242.00	244.00	248.00
Sewing machines, portable, incl. carrying case, each.....	85.20	87.30	88.90	90.60
Clothes dryers, 12-16 pound capacity.....	176.00	179.00	182.00	184.00
Vacuum cleaners, canister type, each.....	51.40	53.00	53.80	54.40
Irons, electric, combination spray-steam, each.....	14.70	15.10	15.40	15.60
Electric toasters, pop-up.....	16.40	16.60	16.70	16.80
Electric ranges, 4-top heating units, each.....	224.00	230.00	229.00	233.00
Kitchen wall cabinet unit, double-door, each.....	184.00	187.00	196.00	202.00
Dinner plates, plain, each.....	25.80	30.20	33.00	34.10
Brooms, each.....	.314	.325	.341	.355
Fruit jars, Mason, 1 quart, per dozen.....	1.62	1.60	1.63	1.73
Inner-spring mattress and boxspring sets, full size, 54 by 75 inches <sup>i</sup> .....	1.61	1.68	1.75	1.84
Bedroom sets, 3 pieces, per set.....	48.00	50.30	97.50	101.00
Living-room sets, 2 pieces, per set.....	211.00	228.00	246.00	261.00
Lounge chairs, upholstered.....	224.00	239.00	254.00	270.00
Dining-room sets, 8 pieces, per set.....	87.10	94.80	102.00	107.00
Sheets, 72 by 108 inches, percale, each.....	337.00	359.00	386.00	415.00
Blankets, single, each:	2.70	2.85	2.92	2.99
All wool, 80 by 90 inches.....	11.40	12.00	11.90	12.60
Cotton, 80 by 90 inches.....	3.26	3.62	3.80	3.96
Bath towels, 22 by 44 inches, each.....	1.03	1.14	1.23	1.32
Curtains, kitchen, ready-made, per pair.....	2.65	2.76	2.88	3.07
Building materials:				
Framing lumber, 2 by 4 inches, per 1,000 board feet:				
Pine, No. 2 and better.....	135.00	155.00	175.00	158.00
Pine, under No. 2.....	112.00	130.00	146.00	128.00
Fir, No. 2 and better.....	150.00	174.00	196.00	175.00
Fir, under No. 2.....	115.00	137.00	166.00	131.00

See footnotes at end of table.

Table 686.—Prices paid by farmers: Prices, by commodities, United States, 1967-70<sup>1</sup>  
—Continued

Commodity and unit	1967	1968	1969	1970
<b>Building materials—Continued</b>				
Boards, per 1,000 board feet:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Rough, No. 2 and better <sup>15</sup>	139.00	155.00	182.00	178.00
Rough, under No. 2 <sup>16</sup>	113.00	128.00	152.00	141.00
Dressed, No. 2 and better <sup>15</sup>	169.00	186.00	219.00	214.00
Dressed, under No. 2 <sup>16</sup>	124.00	140.00	170.00	152.00
Ship-lap, pine, per 1,000 board feet:				
No. 2 and better <sup>15</sup>	142.00	156.00	186.00	179.00
Under No. 2 <sup>16</sup>	121.00	136.00	167.00	150.00
Drop-siding, per 1,000 board feet:				
Pine, C and better	207.00	222.00	244.00	248.00
Fir, C and better	262.00	276.00	320.00	341.00
Bevel-siding, per 1,000 board feet:				
Cedar, clear	215.00	232.00	264.00	277.00
Flooring, per 1,000 board feet:				
Yellow pine, B and better	228.00	239.00	264.00	276.00
Fir, V G, B and better	317.00	335.00	374.00	405.00
Fir, V G, under B	242.00	264.00	354.00	384.00
Shingles, wood, cedar, 16 inches, per square	17.80	21.30	28.60	25.40
Doors, fir, 2-panel, each	13.80	15.10		
Doors, flush, hollow-core, each	8.74	9.50	10.30	9.83
House windows, D. H. Unit with frames and sashes	24.20	26.20	28.20	28.00
Window sash, plain rail	5.67	6.47	7.79	7.84
Nails, 8d, common, per pound	.180	.184	.192	.201
Screen wire, galvanized, 16-mesh, 30-inch width, per linear foot	.236	.242	.246	.231
Roofing, galvanized steel, per 100 square feet	13.30	13.90	14.20	14.70
Roofing, composition, per 100 square feet	4.19	4.31	4.39	4.53
Asbestos siding shingles	22.20	23.60	24.90	26.30
Gypsum board, 3/4-inch, per 1,000 square feet	59.80	62.20	64.00	62.80
Shingles, asphalt, per square	9.33	9.66	9.78	10.00
Insulating sheathing, per 1,000 square feet <sup>17</sup>	89.00	91.80	78.40	77.20
Bricks, common, per 1,000	63.20	66.10	69.20	72.30
Drainage tile, 4-inch:				
Clay, per foot	.154	.162	.174	.183
Concrete, per foot	.153	.155	.163	.172
Concrete blocks, per 100	27.10	28.20	29.50	31.00
Portland cement, per 94 pounds	1.61	1.68	1.74	1.83
Paint, house, per gallon	6.63	6.90	7.18	7.36
Linseed oil, per gallon	3.20	3.29	3.42	3.53
Barbed wire, 2-point, per spool of 80 rods	10.00	10.20	10.40	11.30
Barbed wire, 4-point, per spool of 80 rods	11.10	11.40	11.70	12.60
Posts, wood, line fence, each	.880	.954	1.02	1.06
Posts, steel, each	1.16	1.19	1.22	1.27
Staples, fence, per pound	.199	.203	.210	.226
Woven wire fencing, 32-inch, per 20-rod roll	24.00	24.20	25.10	27.00
Iron pipe, galvanized, 1 1/4-inch diameter, per foot	.472	.478	.493	.538
<b>Motor supplies:</b>				
Gasoline, regular, filling station, per gallon	.330	.332	.344	.349
Gasoline, tank truck, per gallon	.282	.284	.295	.302
Kerosene, per gallon	.195	.199	.202	.204
Tractor fuel, diesel, per gallon	.168	.174	.179	.181
Motor oil, regular, nondetergent, per gallon	1.27	1.30	1.34	1.38
Motor oil, heavy duty detergent, per gallon	1.61	1.66	1.72	1.76
Motor oil, all weather high detergent, per gallon	1.92	2.00	2.06	2.13
Grease, 35 lb. pail	8.12	8.24	8.45	8.78
Tires, convent. const., 7.75 x 15, 4-ply, tubeless, each <sup>18</sup>	22.40	23.40	24.10	32.40
Tires, bias-belted const., 7.75 x 15, 4-ply, tubeless, each				25.20
Inner tubes, 7.75 x 15, each	3.32	3.35	3.35	3.47
Tires, truck, 7.50 x 20, 10-ply, each	63.70	64.90	66.50	65.40
Tractor tires, rear, 15.5 x 38, 6-ply, each		131.50	132.00	137.00
Spark plugs, each	.927	.948	.987	1.02
Storage batteries, 51 plates, 6-volt, each	19.00	19.40	19.90	
Storage batteries, 64 plates, 12-volt, each	21.50	21.80	22.40	24.20
<b>Motor vehicles:</b>				
<b>Autos, 4-door sedans:</b>				
6-cylinder, each <sup>19</sup>	2,390.00	2,495.00		
8-cylinder, each <sup>20</sup>	2,950.00	3,070.00		
Intermediate size <sup>21</sup>		3,010.00	3,080.00	3,250.00
Low price standard size <sup>22</sup>	3,170.00	3,350.00	3,500.00	3,660.00
Medium price standard size <sup>23</sup>		3,690.00	3,800.00	3,975.00
<b>Trucks:</b>				
2-ton, cab and chassis, each <sup>24</sup>	3,620.00	3,820.00	4,020.00	4,285.00
1/2-ton, pickup <sup>25</sup>	2,350.00	2,520.00	2,680.00	2,910.00
<b>Tractors:</b>				
Wheel, 30-39 belt horsepower, each <sup>26</sup>	3,700.00	3,820.00	3,880.00	3,980.00
Wheel, 50-59 belt horsepower, each <sup>26</sup>	5,440.00	5,670.00	5,830.00	5,970.00
Wheel, 70-79 belt horsepower, each <sup>26</sup>	7,020.00	7,380.00	7,590.00	7,730.00

See footnotes at end of table.

Table 686.—Prices paid by farmers: Prices, by commodities, United States, 1967-70<sup>1</sup>  
—Continued

Commodity and unit	1967	1968	1969	1970
<b>Motor vehicles—Continued</b>				
Tractors—Continued	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Crawler, 20-34.9 db. hp., each <sup>27</sup>	5,960.00	6,290.00	6,830.00	7,130.00
Crawler, 35-49.9 db. hp., each	8,120.00	8,560.00	9,250.00	9,650.00
<b>Farm machinery:</b>				
Plows, tractor, moldboard, two bottom, each	362.00	376.00	396.00	423.00
Plows, tractor, moldboard, three bottom, each	606.00	639.00	664.00	700.00
Disk harrows, tandem, 7-ft., each	366.00	381.00	395.00	417.00
Spiketooth harrows, steelbar, one section	52.60	54.60	58.00	61.00
Cultivators, 4-row, tractor, each	840.00	878.00	906.00	939.00
Corn planters, 4-row, plain, each	878.00	919.00	1,010.00	1,040.00
Grain drills, tractor-drawn, 15-17-tube, plain, each <sup>28</sup>	900.00	914.00	1,000.00	1,065.00
Grain drills, tractor-drawn, 18-20-tube, plain, each <sup>29</sup>	1,080.00	1,140.00	1,200.00	1,310.00
Mowers, tractor, 7-ft., each	688.00	593.00	629.00	653.00
Pick-up balers, automatic tie, P.T.O., each	2,070.00	2,150.00	2,270.00	2,400.00
Combines, self-propelled:				
Small capacity, 11.5-ft. header, each <sup>30</sup>	8,580.00	9,200.00	8,920.00	9,545.00
Medium capacity, 13.5-ft. header, each			11,600.00	12,325.00
Large capacity, 16.0-ft. header, each			15,600.00	16,700.00
Combines, 5-6 feet, P.T.O., each	2,780.00	2,920.00		
Corn picker-huskers, 2-row, each	3,280.00	3,500.00	3,740.00	3,960.00
Hammer mills, each	323.00	336.00	353.00	374.00
Single milker units, each	157.00	165.00	170.00	180.00
Farm wagons, for rubber tires, less tires, each	210.00	222.00	238.00	259.00
Power sprayers, boom type, 1r. mid., each	342.00	352.00	428.00	455.00
Gas engines, 3-horsepower, each	61.40	61.90	63.80	65.00
Electric motors, 1/4-horsepower, each	21.20	21.80	22.40	23.50
<b>Farm supplies:</b>				
Axes, with handle, each	6.26	6.58	6.83	7.20
Hammers, nail, with handle, each	4.11	4.29	4.46	4.66
Pitchfork, 3-tine, each	4.96	5.17	5.48	5.82
Pitchfork, 4-tine, each	5.67	5.91	6.20	6.51
Hoes, 7-inch blade, each	2.90	3.01	3.19	3.37
Milk cans, 10 gallons, each	15.80	16.20	16.20	16.80
Milk pails, 12 quart, each	2.72	2.83	2.87	3.02
Rope, manila, per pound	.890	.898	.914	.944
Binder twine, per pound	.264	.257	.250	.256
New baskets, round stave, bushel, with cover, per dozen	5.83	5.99	6.20	6.48
Lead arsenate, per pound	.368	.406	.391	.404
<b>Fertilizer:</b>				
Mixed fertilizer:				
0-20-20, per ton	65.60	62.60	57.50	59.70
3-9-9, per ton	60.10	60.80	58.40	62.00
4-9-12, per ton	55.00	53.90	53.40	56.40
4-12-12, per ton	43.00	43.00	42.20	45.70
5-10-10, per ton	51.40	50.80	48.70	51.70
5-10-15, per ton	45.80	45.60	44.40	48.30
5-20-20, per ton	74.20	71.60	65.40	69.20
6-9-8, per ton	43.00	43.20	43.20	45.00
6-24-24, per ton	85.00	80.10	72.80	75.90
10-10-10, per ton	62.60	61.60	58.40	60.40
12-12-12, per ton	70.40	67.90	63.70	65.80
18-46-0, per ton	108.00	98.10	93.00	94.80
Nitrate of soda, per ton	60.10	59.80	60.00	62.50
Sulphate of ammonia, per ton	54.80	53.60	52.60	52.30
Ammonium nitrate, per ton	73.70	66.60	60.90	60.50
Superphosphate, 20% P <sub>2</sub> O <sub>5</sub> , per ton	42.10	43.20	44.20	46.20
Superphosphate, 46% P <sub>2</sub> O <sub>5</sub> , per ton	82.20	76.80	73.70	75.70
Phosphate rock, per ton	22.00	21.80	22.30	24.00
Ammonium phosphate, 16-20, per ton	80.20	78.50	77.40	76.70
Muriate of potash, 60% K <sub>2</sub> O, per ton <sup>31</sup>	52.20	48.80	46.50	52.50
Agricultural limestone, spread on field, per ton	5.18	5.28	5.44	5.59
<b>Livestock:</b>				
Feeders and stockers:				
Cattle and calves, per 100 pounds	24.60	25.80	29.40	30.50
Lambs, per 100 pounds	21.30	24.20	26.90	26.30
Hogs (40-60 lbs. av.), per 100 pounds <sup>32</sup>	33.30	33.00	39.20	42.90
Baby chicks, straight run, per 100	11.40	11.70	11.80	11.70
Turkey poults, each	.557	.545	.547	.552
<b>Feed:</b>				
Alfalfa hay, baled, per ton	34.10	32.90	34.10	34.70
Other hay, baled, per ton	32.30	31.20	31.70	33.00
Cottonseed meal, per 100 pounds	5.32	5.22	4.96	5.37
Soybean meal, per 100 pounds	5.41	5.39	5.33	5.68
Tankage, per 100 pounds	6.31	6.29	6.44	7.33
Bran, per 100 pounds	3.62	3.46	3.51	3.73
Middlings, per 100 pounds	3.72	3.55	3.61	3.81
Mill run, per 100 pounds	3.33	3.21	3.21	3.32

See footnotes at end of table.



Table 686.—Prices paid by farmers: Prices, by commodities, United States, 1967-70<sup>1</sup>  
—Continued

Commodity and unit	1967	1968	1969	1970
<b>Feed—Continued</b>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Cornmeal, per 100 pounds.....	3.42	3.16	3.28	3.50
Hominy feed, per 100 pounds.....	3.50	3.30	3.48	3.64
Layer feed, per ton.....	86.00	<sup>22</sup> 80.00	80.00	84.00
Broiler grower, per ton.....	93.00	89.00	<sup>23</sup> 90.00	95.00
Chick starter, per ton.....	97.00	93.00	<sup>24</sup> 94.00	99.00
Dairy feed:				
14 percent protein, per ton.....	69.00	67.00	67.00	70.00
16 percent protein, per ton.....	75.00	72.00	71.00	75.00
18 percent protein, per ton.....	77.00	75.00	74.00	78.00
20 percent protein, per ton.....	82.00	78.00	78.00	82.00
32 percent protein, per ton.....		98.00	99.00	104.00
40 percent and over protein, per ton.....		109.00	108.00	115.00
Stock salt, per 100 pounds.....	1.70	1.74	1.78	1.88
<b>Seeds:</b>				
Barley, per bushel.....	2.01	2.06	2.00	2.07
Corn, hybrid, per bushel.....	12.90	13.90	13.70	15.70
Oats, per bushel.....	1.61	1.66	1.65	1.75
Potatoes, per 100 pounds.....	3.38	2.92	3.60	3.86
Rye, per bushel.....	2.48	2.55	2.57	2.60
Soybeans, per bushel.....	4.40	4.05	4.16	4.02
Wheat, per bushel.....	2.73	2.47	2.38	2.47
Alfalfa, common, per 100 pounds.....	50.60	58.00	54.40	57.90
Alfalfa, certified Grimm, per 100 pounds.....	60.20	65.10	62.20	66.80
Alfalfa clover, per 100 pounds.....	32.50	32.60	37.60	37.60
Red clover, per 100 pounds.....	40.30	48.80	57.40	60.30
Sweetclover, per 100 pounds.....	17.20	17.40	24.50	23.60
Lespedeza, Korean, per 100 pounds.....	22.40	25.60	26.20	24.20
Sudangrass, per 100 pounds.....	13.20	13.50	13.40	15.80
Timothy, per 100 pounds.....	22.30	20.00	23.60	23.30

<sup>1</sup> Annual average of prices at independent and chain stores. Prices paid by farmers are collected for the most part from retail establishments located in small cities, towns, and in rural areas through using questionnaires sent and returned by mail.

<sup>2</sup> Per quart.

<sup>3</sup> "Cola drinks, per 16 fluid ounces" prior to 1970.

<sup>4</sup> "Suits, wool, 1 pair pants" prior to 1970.

<sup>5</sup> "Trousers, extra, woolen" prior to 1970.

<sup>6</sup> "Trousers, artificial-fiber mixtures" prior to 1970.

<sup>7</sup> "Overcoats, all wool" prior to 1970.

<sup>8</sup> Previously designated "Dresses, house, percale."

<sup>9</sup> Previously designated "Dresses, street, cotton."

<sup>10</sup> Previously designated "Dresses, rayon."

<sup>11</sup> "Coats, all new wool, heavy" prior to 1970.

<sup>12</sup> "Laundry starch, packaged, per pound" prior to 1970.

<sup>13</sup> Viewable picture area defined by Federal Trade Commission Jan. 1, 1967.

<sup>14</sup> 54-inch innerspring prior to 1969.

<sup>15</sup> Includes standard and better.

<sup>16</sup> Includes "utility" and "economy."

<sup>17</sup> Interior insulating board prior to 1969.

<sup>18</sup> 7.75-7.50 x 14 prior to 1970.

<sup>19</sup> Model designations include Ford Falcon, Chevrolet II, Plymouth Valiant, and Rambler.

<sup>20</sup> Model designations include Ford Custom 500, Chevrolet Bel Air, Plymouth Fury II, and Buick Special.

<sup>21</sup> Current coverage includes Chevrolet Chevelle Malibu, Ford Torino, and Plymouth Satellite.

<sup>22</sup> Current coverage includes Chevrolet Impala, Ford Galaxie, and Plymouth Fury III.

<sup>23</sup> Current coverage includes Pontiac Catalina and Buick LeSabre.

<sup>24</sup> Coverage includes Ford and Chevrolet.

<sup>25</sup> Coverage includes Ford, Chevrolet, International, and Dodge.

<sup>26</sup> Maximum P.T.O. or belt horsepower.

<sup>27</sup> 25-34.9 drawbar horsepower prior to 1969.

<sup>28</sup> 16-tube prior to 1969.

<sup>29</sup> 20-tube prior to 1969.

<sup>30</sup> 12 feet prior to 1969.

<sup>31</sup> 55 percent K<sub>2</sub>O prior to September 1967.

<sup>32</sup> Price series based on prices for 40-60 pound feeder pigs.

<sup>33</sup> Specification change to "complete feed."

Statistical Reporting Service.

Table 687.—Farm income: Gross and net income from farming, United States, 1954-70<sup>1</sup>

Year	Cash receipts			Nonmoney income				Gross income		Production expenses		Net income of farm operators	
	Farm marketings	Government payments	Total	Home consumption	Realized		Change in inventory	Total	Realized	Total	Million dollars	Realized	Total
					Imputed rent	Total							
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1954.....	29,832	257	30,089	1,789	1,711	3,500	491	3,991	33,589	34,080	21,377	12,012	12,503
1955.....	29,490	229	29,719	1,678	1,741	3,419	215	3,634	33,138	33,353	21,890	11,249	11,464
1956.....	30,401	554	30,955	1,585	1,794	3,319	-459	2,863	33,274	33,818	22,374	11,900	11,544
1957.....	29,714	1,016	30,730	1,484	1,787	3,271	618	3,889	32,901	34,739	22,549	11,361	11,544
1958.....	33,456	1,089	34,545	1,505	1,867	3,372	823	4,195	37,093	37,580	23,294	12,675	13,500
1959.....	33,311	1,022	34,333	1,295	1,981	3,273	92	3,367	37,468	37,580	26,106	11,362	11,454
1960.....	35,089	702	35,791	1,295	1,981	3,273	343	3,614	38,088	38,431	26,352	11,736	12,079
1961.....	36,582	1,493	38,075	1,179	2,012	3,188	341	3,529	39,771	40,112	27,125	12,646	12,987
1962.....	37,398	1,747	39,145	1,076	2,079	3,155	596	3,751	41,834	42,539	28,039	12,619	13,215
1963.....	37,323	2,181	39,504	1,016	2,161	3,177	623	3,800	42,271	42,894	29,688	12,663	13,206
1964.....	37,323	2,463	39,786	930	2,223	3,153	994	4,147	42,567	43,561	29,431	13,086	13,269
1965.....	39,350	3,277	42,627	813	2,300	3,113	994	4,107	44,226	45,220	30,403	13,403	13,803
1966.....	43,294	3,777	47,071	717	2,482	3,199	659	3,858	49,088	49,537	34,773	16,334	16,533
1967.....	42,093	3,022	45,115	729	2,296	3,025	137	3,162	49,687	50,134	35,209	14,822	15,223
1968.....	48,117	3,794	51,911	749	2,850	3,599	93	3,692	55,897	56,340	36,209	16,798	16,891
1969.....	48,117	3,717	51,834	774	2,858	3,632	226	3,858	56,580	56,806	40,867	15,713	15,939
1970 <sup>2</sup> .....	49,231	3,717	52,948	774	2,858	3,632	226	3,858	56,580	56,806	40,867	15,713	15,939

<sup>1</sup> Includes Alaska and Hawaii, beginning 1960.<sup>2</sup> Preliminary.

Economic Research Service.

Data for 1929-53 in *Agricultural Statistics, 1967*, table 690.

Table 688.—Farm income: Cash receipts from farm marketings, by commodities or commodity groups, United States, 1954-70<sup>1</sup>

Year	Cattle and calves	Hogs	Sheep and lambs	Dairy products	Eggs	Broilers and farm chickens	Turkeys and other poultry <sup>2</sup>	Wool	Other live-stock and products <sup>3</sup>	Total live-stock and products
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1954.....	5,088	3,455	325	4,114	1,627	1,000	386	129	152	16,276
1955.....	5,245	2,694	316	4,217	1,777	1,070	377	91	180	15,967
1956.....	5,353	2,638	330	4,485	1,834	1,023	397	104	199	16,363
1957.....	5,944	3,062	330	4,628	1,682	1,024	370	141	195	17,376
1958.....	7,322	3,367	358	4,557	1,833	1,147	373	72	198	19,227
1959.....	7,834	2,784	334	4,604	1,545	1,045	392	113	212	18,863
1960.....	7,398	2,873	327	4,753	1,738	1,127	427	108	195	18,946
1961.....	7,565	3,140	302	4,918	1,737	1,045	415	109	198	19,429
1962.....	8,187	3,154	324	4,854	1,685	1,143	412	115	188	20,062
1963.....	8,101	3,035	319	4,860	1,732	1,155	435	115	211	19,963
1964.....	7,785	3,034	318	5,027	1,770	1,156	448	113	205	19,886
1965.....	8,942	3,693	329	5,037	1,788	1,304	489	95	281	21,958
1966.....	10,431	4,003	334	5,532	2,114	1,472	563	101	281	24,921
1967.....	10,478	3,755	300	5,743	1,781	1,315	544	75	268	24,259
1968.....	11,241	3,819	315	5,955	1,921	1,417	490	72	267	25,497
1969.....	12,566	4,740	333	6,206	2,261	1,633	532	69	250	28,590
1970 <sup>4</sup> .....	13,662	4,510	325	6,523	2,169	1,562	572	57	215	29,595

Year	Food grains	Feed crops	Cotton (lint and seed)	Oil-bearing crops	Tobacco	Fruits and tree nuts	Vegetables <sup>5</sup>	Other crops <sup>6</sup>	Total crops
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1954.....	2,327	2,549	2,702	942	1,161	1,220	1,548	1,107	13,556
1955.....	1,990	2,555	2,580	1,131	1,225	1,276	1,683	1,083	13,523
1956.....	2,148	2,648	2,500	1,155	1,162	1,358	1,873	1,194	14,038
1957.....	1,868	2,395	1,756	1,181	971	1,292	1,710	1,165	12,338
1958.....	2,442	2,904	2,138	1,410	1,020	1,394	1,736	1,185	14,229
1959.....	2,247	2,779	2,647	1,280	1,060	1,501	1,803	1,331	14,648
1960.....	2,460	3,025	2,340	1,364	1,154	1,514	1,941	1,410	15,208
1961.....	2,487	2,779	2,482	1,647	1,325	1,592	1,872	1,476	15,660
1962.....	2,445	2,960	2,552	1,803	1,321	1,562	2,035	1,616	16,294
1963.....	2,524	3,401	2,838	1,954	1,269	1,669	2,018	1,762	17,435
1964.....	1,994	3,412	2,521	2,126	1,414	1,797	2,300	1,813	17,377
1965.....	2,041	3,669	2,330	2,173	1,186	1,667	2,580	1,746	17,392
1966.....	2,379	4,306	1,588	2,700	1,211	1,758	2,559	1,872	18,373
1967.....	2,382	4,337	1,095	2,805	1,391	1,843	2,649	1,932	18,434
1968.....	2,105	4,264	1,316	2,842	1,173	2,071	2,850	1,999	18,620
1969.....	2,220	4,485	1,354	3,049	1,297	2,197	2,809	2,086	19,527
1970 <sup>4</sup> .....	1,982	4,707	1,267	3,189	1,388	2,088	2,826	2,189	19,636

<sup>1</sup> Includes Alaska and Hawaii, beginning 1960.<sup>2</sup> Ducks, geese, guinea, pigeons, quail, pheasants, and turkey hatching eggs.<sup>3</sup> Horses and mules, mohair, honey, beeswax, bees, goats, rabbits, and fur animals.<sup>4</sup> Preliminary.<sup>5</sup> Includes melons.<sup>6</sup> Sugar crops, greenhouse and nursery products, forest products, legume and grass seeds, hops, mint, broom-corn, popcorn, hemp fiber and seeds, and flax fiber.Economic Research Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 691.

Table 689.—Farm income: Cash receipts from farming and value of home consumption, by States, 1970 (preliminary)

State	Cash receipts from farming				Value of home consumption <sup>1</sup>				Cash receipts from farming and value of home consumption
	Farm marketings			Government payments	Total	Live-stock and products	Crops	Total	
	Live-stock and products	Crops	Total						
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	102,128	92,291	254,419	1,667	256,086	1,863	1,361	3,224	259,310
New Hampshire.....	41,496	12,931	54,427	548	54,975	1,105	464	1,569	56,544
Vermont.....	147,984	15,108	163,092	1,380	164,472	2,098	1,343	3,441	167,913
Massachusetts.....	86,693	81,904	168,597	619	169,216	1,124	562	1,686	170,902
Rhode Island.....	10,659	10,194	20,853	72	20,925	173	87	260	21,155
Connecticut.....	102,871	63,967	166,838	773	167,611	1,029	534	1,563	169,174
New York.....	815,015	302,248	1,117,263	22,009	1,139,272	10,921	6,034	16,955	1,156,227
New Jersey.....	96,920	152,838	249,758	4,292	254,050	1,576	662	2,238	256,288
Pennsylvania.....	777,152	262,925	1,040,077	25,159	1,065,236	22,082	5,397	27,479	1,092,715
North Atlantic.....	2,240,918	994,406	3,235,324	56,519	3,291,843	41,971	16,414	58,385	3,350,228
Ohio.....	768,127	555,366	1,323,493	89,613	1,413,106	17,749	8,288	26,037	1,439,143
Indiana.....	838,149	714,483	1,552,632	111,046	1,663,678	13,911	6,232	20,143	1,683,821
Illinois.....	1,298,782	1,400,799	2,699,581	166,644	2,866,225	18,102	6,544	24,646	2,890,871
Michigan.....	482,568	412,834	895,402	65,698	961,100	16,802	6,635	23,437	984,537
Wisconsin.....	1,379,087	231,017	1,610,104	51,656	1,661,760	33,128	10,319	43,447	1,705,207
East North Central.....	4,766,713	3,314,499	8,081,212	484,657	8,565,869	99,692	38,018	137,710	8,703,579
Minnesota.....	1,373,087	642,761	2,015,848	151,773	2,167,621	29,763	7,625	37,388	2,205,009
Iowa.....	2,856,412	1,073,289	3,929,701	235,815	4,165,516	25,709	6,148	31,857	4,197,373
Missouri.....	1,128,560	431,666	1,560,226	153,919	1,714,145	23,667	10,991	34,658	1,748,803
North Dakota.....	263,914	417,374	681,288	167,239	848,527	10,953	1,499	12,452	860,979
South Dakota.....	811,484	200,464	1,011,948	91,698	1,103,646	11,536	1,056	12,592	1,116,238
Nebraska.....	1,445,488	570,418	2,015,906	203,007	2,218,913	12,355	2,322	14,677	2,233,590
Kansas.....	1,223,200	550,687	1,773,887	227,639	2,001,526	8,331	2,408	10,739	2,012,265
West North Central.....	9,102,145	3,886,659	12,988,804	1,231,090	14,219,894	122,314	32,049	154,363	14,374,257
Delaware.....	98,440	48,857	147,297	1,652	148,949	728	163	891	149,840
Maryland.....	267,853	125,726	393,579	7,986	401,565	4,462	1,163	5,625	407,190
Virginia.....	334,692	261,801	596,493	20,011	616,504	16,994	10,578	27,572	644,076
West Virginia.....	84,486	26,608	111,094	3,388	114,482	6,525	3,376	9,901	124,383
North Carolina.....	625,072	918,823	1,543,895	89,682	1,633,577	27,731	24,141	51,872	1,685,449
South Carolina.....	180,337	261,700	442,037	54,494	496,471	6,237	5,316	11,553	508,024
Georgia.....	710,612	433,992	1,144,604	83,621	1,228,225	12,972	8,993	21,965	1,250,190
Florida.....	395,644	871,956	1,267,600	18,490	1,286,090	4,847	4,151	8,998	1,295,088
South Atlantic.....	2,697,136	2,949,463	5,646,599	249,464	5,896,063	80,496	57,881	138,377	6,034,440
Kentucky.....	513,744	408,039	921,783	45,800	967,583	22,394	13,749	36,143	1,003,726
Tennessee.....	438,083	268,760	706,843	70,985	777,828	20,529	13,340	33,869	811,697
Alabama.....	534,547	207,059	741,606	79,463	821,069	14,615	10,198	24,813	845,882
Mississippi.....	513,168	396,643	911,811	146,500	1,058,311	11,714	10,385	22,099	1,080,410
Arkansas.....	566,281	307,154	1,073,435	87,747	1,161,182	9,973	7,144	17,117	1,178,299
Louisiana.....	275,667	372,933	648,600	55,105	703,705	9,753	3,994	13,747	717,452
Oklahoma.....	824,051	234,366	1,058,417	117,951	1,176,368	12,419	4,102	16,521	1,192,889
Texas.....	1,945,745	1,191,116	3,136,861	543,186	3,680,047	24,015	9,014	33,029	3,713,046
South Central.....	5,611,286	3,588,070	9,199,356	1,146,707	10,346,063	125,412	71,926	197,338	10,543,401
Montana.....	365,990	193,056	559,046	85,361	644,407	9,145	806	9,951	654,358
Idaho.....	304,337	359,658	663,995	47,952	711,947	7,953	1,328	9,281	721,228
Wyoming.....	199,940	35,190	235,130	15,185	250,315	3,083	232	3,315	253,630
Colorado.....	921,689	259,828	1,181,517	88,035	1,269,552	7,368	559	7,927	1,277,479
New Mexico.....	369,937	90,663	460,600	43,091	503,691	3,828	808	4,636	508,327
Arizona.....	373,227	274,117	647,344	51,950	699,294	3,440	2,130	5,570	704,864
Utah.....	182,469	42,956	225,425	11,144	236,569	4,216	821	4,737	241,306
Nevada.....	65,975	14,571	80,546	2,080	82,626	1,326	54	1,380	84,006
Washington.....	291,086	501,493	792,579	57,888	850,467	12,121	2,520	14,641	865,108
Oregon.....	268,127	293,791	561,918	23,112	585,030	9,734	2,273	12,007	597,037
California.....	1,790,167	2,665,921	4,456,088	131,937	4,588,025	10,322	3,200	13,522	4,601,547
Western.....	5,132,944	4,731,244	9,864,188	537,735	10,401,923	72,536	14,431	86,967	10,488,890
United States (48 states).....	29,551,142	19,464,341	49,015,483	3,706,172	52,721,655	542,421	230,719	773,140	53,494,795

<sup>1</sup> Value of farm products consumed directly in farm households where produced.

Economic Research Service.

Table 690.—Personal income: Total and per capita, by residence, United States, 1954-70<sup>1</sup>

Year	Personal income of—					Per capita disposable personal income of—				Per capita disposable income, all sources (farm as percent- age of nonfarm)
	Farm population			Nonfarm population from all sources	Total population	Farm population from all sources	Nonfarm population from all sources	Total population from all sources		
	From farm sources <sup>1</sup>	From nonfarm sources <sup>2</sup>	From all sources							
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Dollars	Dollars	Dollars	Percent	
1954.....	12,509	5,934	18,443	271,693	290,136	886	1,678	1,585	52.8	
1955.....	11,382	6,197	17,579	293,310	310,889	854	1,772	1,666	48.2	
1956.....	11,219	6,584	17,803	315,203	333,006	885	1,850	1,743	47.8	
1957.....	11,041	6,616	17,657	333,444	351,101	927	1,902	1,801	48.7	
1958.....	12,800	6,681	19,481	341,093	361,174	1,062	1,915	1,831	55.5	
1959.....	11,009	7,050	18,059	385,469	383,328	1,001	1,998	1,905	50.1	
1960.....	11,526	7,153	18,679	382,274	400,953	1,100	2,017	1,938	54.5	
1961.....	12,195	7,543	19,738	397,076	416,814	1,226	2,051	1,984	59.8	
1962.....	12,254	8,195	20,449	422,168	442,617	1,308	2,129	2,066	61.4	
1963.....	12,109	8,510	20,619	444,868	465,487	1,410	2,194	2,139	64.3	
1964.....	11,334	9,305	20,639	476,823	497,462	1,462	2,343	2,284	62.4	
1965.....	13,546	10,045	23,591	515,302	538,893	1,772	2,482	2,436	71.4	
1966.....	14,414	10,464	24,878	562,338	587,216	1,985	2,644	2,605	75.1	
1967.....	15,149	10,881	24,030	605,305	629,335	2,032	2,792	2,751	72.8	
1968.....	13,207	11,881	25,088	663,836	688,924	2,193	2,987	2,946	73.4	
1969.....	14,909	12,831	27,740	722,599	750,339	2,423	3,168	3,130	76.5	
1970 <sup>4</sup> .....	14,198	13,308	27,506	776,137	803,643	2,546	3,399	3,358	74.9	

<sup>1</sup> Includes Alaska and Hawaii, beginning 1960.<sup>2</sup> Includes returns from farming operations to resident farm operators for their capital, labor, and management, after deduction of farm production expenses (there is no allowance in the item farm production expenses for a return on investment in farm capital). Also includes farm wages and other labor income received by hired farm-resident workers.<sup>3</sup> Includes all income received by farm residents from nonfarm sources such as wages and salaries from nonfarm employment, nonfarm business and professional income, rents from nonfarm real estate, dividends, interest, royalties, unemployment compensation, and Social Security payments.<sup>4</sup> Preliminary.Economic Research Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 693.Table 691.—Farm family income: Number of farm families and percentage distribution by size of total money income, United States, 1959-69<sup>1</sup>

Year	Number	Less than \$1,000	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$4,999	\$5,000 to \$6,999	\$7,000 to \$9,999	\$10,000 to \$14,999	\$15,000 or more	Median income
	Thousands	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Dollars
1959.....	3,800	17.0	19.0	16.8	23.7	11.7	6.6	3.3	1.8	2,800
1960.....	3,490	17.7	18.1	16.2	22.4	12.2	8.4	4.0	1.1	2,875
1961.....	3,490	14.8	16.1	15.8	23.2	15.0	9.2	4.0	1.8	3,241
1962.....	3,206	11.4	15.9	15.6	24.6	15.2	9.4	5.8	2.0	3,418
1963.....	3,093	11.1	17.0	15.3	23.4	14.4	10.9	5.9	2.1	3,435
1964.....	3,096	11.0	15.2	16.5	21.0	15.5	11.9	6.7	2.2	3,558
1965.....	2,953	8.6	14.5	14.0	22.6	16.5	12.5	7.1	4.0	4,119
1966.....	2,697	6.5	10.7	12.8	21.8	19.3	15.3	9.5	4.3	4,841
1967.....	2,683	6.2	9.5	11.2	22.3	16.9	16.9	10.9	6.1	5,086
1968.....	2,630	5.4	7.3	9.9	20.3	17.2	19.4	14.0	6.4	5,769
1969.....	2,457	4.5	6.8	8.7	18.4	16.3	17.8	18.1	9.6	6,385

<sup>1</sup> Family refers to two or more persons related by blood, marriage, or adoption, and residing together on a farm. Total money income includes net income from farm and nonfarm self-employment, wages and salaries, dividends and interest, social security, pensions, and welfare.

Economic Research Service. Estimates from P-60 series of the Bureau of the Census.

Table 692.—Number of farms and average farm income per farm, United States, 1954-70<sup>1</sup>

Year	Number of farms	Cash receipts from farming			Gross farm income		Production expenses	Net income of farm operators	
		Farm marketings	Government payments	Total	Realized	Total		Realized	Total
	Thousands	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars	Dollars
1954.....	4,798	6,217	54	6,271	7,000	7,163	4,497	2,503	2,606
1955.....	4,654	6,337	49	6,386	7,121	7,167	4,704	2,417	2,463
1956.....	4,514	6,735	123	6,858	7,593	7,492	4,957	2,636	2,535
1957.....	4,372	6,797	232	7,029	7,777	7,918	5,328	2,449	2,590
1958.....	4,233	7,904	257	8,161	8,956	9,151	5,962	2,994	3,189
1959.....	4,097	8,179	166	8,345	9,144	9,166	6,371	2,773	2,795
1960.....	3,962	8,621	177	8,798	9,614	9,701	6,652	2,962	3,049
1961.....	3,821	9,182	301	9,483	10,467	10,497	7,098	3,309	3,396
1962.....	3,685	9,965	474	10,339	11,195	11,357	7,771	3,424	3,586
1963.....	3,561	10,502	476	10,978	11,870	12,045	8,337	3,533	3,708
1964.....	3,442	10,818	634	11,452	12,368	12,130	8,566	3,802	3,604
1965.....	3,340	11,782	738	12,520	13,452	13,749	9,262	4,190	4,487
1966.....	3,239	13,368	1,012	14,380	15,358	15,333	10,314	5,044	5,019
1967.....	3,146	13,568	979	14,547	15,572	15,782	11,052	4,520	4,730
1968.....	3,054	14,444	1,134	15,578	16,664	16,709	11,855	4,809	4,854
1969.....	2,971	16,196	1,277	17,473	18,676	18,707	13,022	5,654	5,685
1970 <sup>2</sup> .....	2,924	16,837	1,271	18,108	19,350	19,427	13,976	5,374	5,451

<sup>1</sup> Includes Alaska and Hawaii, beginning 1960.      <sup>2</sup> Preliminary.Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 604.Table 693.—Expenses: Farm production expenses, United States, 1954-70<sup>1</sup>

Year	Feed purchased	Livestock purchased	Seed purchased <sup>2</sup>	Fertilizer and lime	Repairs and operation of capital items <sup>3</sup>	Depreciation and other consumption of farm capital <sup>4</sup>	Hired labor <sup>5</sup>	Taxes on farm property <sup>6</sup>	Interest on farm mortgage debt <sup>7</sup>	Net rent to non-farm landlords	Miscellaneous <sup>8</sup>	Total production expenses
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1954.....	3,906	1,563	525	1,209	3,506	3,581	2,506	1,084	371	1,159	2,077	21,577
1955.....	3,880	1,539	566	1,185	3,600	3,700	2,615	1,141	402	1,057	2,204	21,889
1956.....	3,894	1,610	519	1,166	3,785	3,723	2,641	1,178	442	1,109	2,307	22,374
1957.....	4,035	1,934	510	1,166	3,917	3,913	2,734	1,242	482	1,029	2,332	23,294
1958.....	4,541	2,702	508	1,206	3,921	4,011	2,842	1,306	531	1,161	2,517	25,236
1959.....	4,744	2,693	491	1,291	4,069	4,228	2,882	1,401	572	1,011	2,724	26,106
1960.....	4,923	2,502	510	1,315	3,906	4,244	2,923	1,502	628	1,010	2,829	26,352
1961.....	5,121	2,730	521	1,373	3,858	4,217	2,977	1,597	686	1,109	2,936	27,125
1962.....	5,575	3,106	521	1,474	3,944	4,348	2,961	1,684	759	1,132	3,135	28,639
1963.....	6,128	2,917	553	1,570	3,942	4,471	2,990	1,763	846	1,193	3,315	29,688
1964.....	5,715	2,420	566	1,701	3,940	4,703	2,913	1,833	952	1,223	3,515	29,481
1965.....	5,749	2,913	637	1,754	4,073	4,982	2,849	1,943	1,077	1,328	3,628	30,933
1966.....	6,324	3,498	626	1,952	4,227	5,281	2,889	2,108	1,205	1,442	3,854	33,406
1967.....	6,472	3,391	678	2,124	4,495	5,746	2,878	2,275	1,343	1,305	4,068	34,776
1968.....	5,894	3,676	672	2,130	4,831	6,209	3,047	2,515	1,477	1,307	4,451	36,209
1969.....	6,477	4,201	703	2,023	4,970	6,676	3,196	2,761	1,599	1,317	4,763	38,686
1970 <sup>2</sup> .....	7,068	4,291	736	2,067	5,124	6,918	3,394	2,994	1,717	1,341	5,187	40,867

<sup>1</sup> Includes Alaska and Hawaii, beginning 1960.<sup>2</sup> Includes bulbs, plants, and trees.<sup>3</sup> Includes expenditures for repairs and maintenance of farm buildings and other land improvements, petroleum fuel and oil, other motor vehicle operation, and repairs on other machinery.<sup>4</sup> Estimated outlay necessary, at current prices, for the replacement of capital equipment that has been used up during the year.<sup>5</sup> Includes cash wages, perquisites, and Social Security taxes paid by employers.<sup>6</sup> Includes taxes levied against farm real estate and farm personal property.<sup>7</sup> Interest charges payable during the calendar year on outstanding farm-mortgage debt.<sup>8</sup> Includes interest on non-real-estate debt, pesticides, ginning, electricity and telephone (business share), livestock marketing charges (excluding feed and transportation), containers, milk hauling, irrigation, grazing, binding materials, tolls for sirup, horses and mules, harness and saddlery, blacksmithing, and hardware, veterinary services and medicines, net insurance premiums (crop, fire, wind, and hail), and miscellaneous dairy, nursery, greenhouse, apiary, and other supplies.      <sup>2</sup> Preliminary.Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 695.



Table 694.—Labor: Total hours used for farm work, by enterprise groups, United States, 1954-70

Year	All farm work <sup>1</sup>	Livestock and livestock products				Crops									
		All <sup>2</sup>	Meat animals <sup>3</sup>	Milk cows	Poultry <sup>4</sup>	All crops <sup>5</sup>	Feed grains <sup>6</sup>	Hay and forage <sup>7</sup>	Food grains <sup>8</sup>	Vegetables <sup>9</sup>	Fruits and nuts <sup>10</sup>	Sugar crops <sup>11</sup>	Cotton	Tobacco	Oil crops <sup>12</sup>
	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.	Mil.
1954.....	13,310	5,130	1,479	2,551	911	6,238	1,174	680	293	533	537	100	1,269	772	171
1955.....	12,808	4,948	1,498	2,422	840	6,012	1,154	671	253	521	536	88	1,235	710	175
1956.....	12,028	4,728	1,434	2,301	807	5,574	1,012	616	245	509	558	80	1,074	663	183
1957.....	11,059	4,472	1,368	2,158	761	5,001	966	617	203	474	546	81	818	524	173
1958.....	10,548	4,225	1,357	1,983	701	4,818	891	569	217	470	562	78	769	515	181
1959.....	10,301	4,076	1,395	1,841	657	4,771	840	517	190	435	567	78	911	539	161
1960.....	9,795	3,826	1,307	1,745	593	4,590	784	524	188	438	531	71	831	549	164
1961.....	9,400	3,709	1,293	1,664	574	4,370	639	497	186	440	524	78	772	567	177
1962.....	8,979	3,527	1,252	1,570	530	4,196	587	510	168	435	481	79	679	606	175
1963.....	8,664	3,362	1,236	1,462	491	4,088	580	498	173	418	482	86	647	591	181
1964.....	8,194	3,181	1,191	1,360	459	3,867	503	496	177	403	448	95	573	546	189
1965.....	7,775	2,964	1,102	1,249	446	3,719	501	502	176	416	452	85	483	477	202
1966.....	7,381	2,831	1,093	1,134	440	3,508	493	483	173	420	444	82	309	476	213
1967.....	7,269	2,720	1,080	1,044	433	3,522	514	497	205	429	453	75	242	479	226
1968.....	7,005	2,581	1,049	966	405	3,431	479	486	198	438	429	77	275	426	230
1969.....	6,695	2,453	1,007	900	388	3,290	468	344	175	418	472	78	279	445	228
1970 <sup>13</sup> .....	6,527	2,384	998	847	383	3,212	460	337	160	408	452	76	266	445	232

<sup>1</sup> Includes labor used on crops, livestock, and overhead. Farm maintenance or overhead work includes time spent on fencing, repairs to buildings, machinery and equipment, farmwoods, pastures, general land maintenance, farm business, and other miscellaneous work.

<sup>2</sup> Excludes horses and mules; includes wool and minor livestock which are excluded from separate enterprises shown.

<sup>3</sup> Cattle and calves, sheep and lambs, and hogs.

<sup>4</sup> Chickens, broilers, and turkeys.

<sup>5</sup> Includes hay seeds, pasture seeds, and cover-crop seeds; farm gardens; and minor crops which are excluded from separate crops shown.

<sup>6</sup> Corn for grain, oats, barley, and sorghum grain.

<sup>7</sup> All hay, corn silage, and sorghum forage and silage.

<sup>8</sup> All wheat, rye, buckwheat, and rice.

<sup>9</sup> Potatoes, sweetpotatoes, dry edible beans, dry field peas, and truck crops.

<sup>10</sup> Fruits, berries, and tree nuts.

<sup>11</sup> Sugarbeets, sugarcane for sugar and seed, sugarcane sirup, and maple products.

<sup>12</sup> Soybeans, peanuts, flaxseed, and tung nuts.

<sup>13</sup> Preliminary.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 698.

Table 695.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content,<sup>2</sup> by States and possessions, averages 1950-54 and 1960-64, and years beginning July 1, 1968 and 1969

State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
<b>Maine:</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<b>Minnesota:</b>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>
1950-54.....	188,612	12,096	20,722	22,822	1950-54.....	277,850	18,114	56,568	31,377
1960-64.....	167,400	15,493	20,219	20,702	1960-64.....	653,732	82,991	142,274	88,346
1968.....	158,903	17,664	20,470	20,636	1968.....	1,545,168	337,179	292,437	211,766
1969.....	143,924	16,400	19,135	20,099	1969.....	1,306,881	283,875	223,126	214,178
<b>New Hampshire:</b>					<b>Iowa:</b>				
1950-54.....	20,636	934	2,731	2,076	1950-54.....	820,130	47,909	82,092	34,989
1960-64.....	19,208	1,709	2,419	2,308	1960-64.....	1,098,089	234,123	173,706	99,827
1968.....	18,095	2,010	1,951	2,127	1968.....	2,333,411	556,856	381,760	310,237
1969.....	18,132	2,071	1,967	2,317	1969.....	2,647,437	639,688	411,261	347,297
<b>Vermont:</b>					<b>Missouri:</b>				
1950-54.....	51,176	1,356	7,952	5,511	1950-54.....	732,730	53,992	78,404	54,629
1960-64.....	57,153	3,532	8,902	7,524	1960-64.....	994,422	157,722	103,406	105,456
1968.....	42,893	4,575	6,022	5,830	1968.....	1,361,791	250,691	160,205	165,646
1969.....	53,742	6,100	7,246	7,625	1969.....	1,488,168	300,739	198,392	189,719
<b>Massachusetts:</b>					<b>North Dakota:</b>				
1950-54.....	88,675	4,952	8,548	7,517	1950-54.....	39,307	2,213	13,274	1,334
1960-64.....	86,532	7,771	8,090	7,284	1960-64.....	174,089	24,468	60,168	2,211
1968.....	76,680	8,430	6,594	6,189	1968.....	344,696	68,095	100,767	9,176
1969.....	69,596	8,159	6,325	6,071	1969.....	355,236	71,909	101,532	9,508
<b>Rhode Island:</b>					<b>South Dakota:</b>				
1950-54.....	16,402	900	1,601	1,490	1950-54.....	20,909	2,745	4,457	167
1960-64.....	18,374	1,479	1,802	1,690	1960-64.....	80,669	18,390	14,450	977
1968.....	17,211	1,578	1,672	1,275	1968.....	239,847	65,656	46,456	7,822
1969.....	16,587	1,642	1,588	1,322	1969.....	296,439	78,464	50,261	10,164
<b>Connecticut:</b>					<b>Nebraska:</b>				
1950-54.....	88,514	4,854	7,222	7,189	1950-54.....	143,103	33,990	18,423	1,000
1960-64.....	76,640	6,735	7,467	6,701	1960-64.....	518,892	205,074	50,364	5,333
1968.....	73,935	8,035	6,876	6,783	1968.....	1,075,518	417,330	114,810	35,730
1969.....	57,179	6,492	5,539	5,646	1969.....	1,242,279	498,003	131,326	36,832
<b>New York:</b>					<b>Kansas:</b>				
1950-54.....	632,221	33,979	76,791	45,064	1950-54.....	216,679	27,941	42,390	3,455
1960-64.....	609,508	52,348	74,073	62,900	1960-64.....	544,151	143,890	53,030	10,115
1968.....	630,630	72,305	93,683	64,101	1968.....	1,095,774	374,580	161,001	35,905
1969.....	613,232	70,041	83,786	68,382	1969.....	1,230,916	443,855	170,390	46,670
<b>New Jersey:</b>					<b>Delaware:</b>				
1950-54.....	275,486	15,431	28,181	25,607	1950-54.....	88,811	4,584	9,133	8,882
1960-64.....	239,829	19,210	23,517	23,631	1960-64.....	102,093	8,513	10,747	12,504
1968.....	221,355	21,015	20,702	22,115	1968.....	110,163	12,417	11,252	14,563
1969.....	209,247	22,675	19,585	20,058	1969.....	115,731	13,338	12,321	15,880
<b>Pennsylvania:</b>					<b>Maryland:</b>				
1950-54.....	674,921	29,406	83,685	58,205	1950-54.....	301,309	13,356	34,061	25,601
1960-64.....	666,930	50,978	82,777	73,907	1960-64.....	335,613	27,374	35,986	37,658
1968.....	652,375	76,293	84,860	69,062	1968.....	339,669	35,617	36,877	42,733
1969.....	679,697	82,947	91,955	75,062	1969.....	353,586	40,175	40,264	47,132
<b>Ohio:</b>					<b>District of Columbia:</b>				
1950-54.....	1,070,996	46,369	133,923	122,691	1950-54.....	2,569	144	232	118
1960-64.....	1,114,711	121,602	166,012	140,790	1960-64.....	4,832	353	379	234
1968.....	1,355,259	198,453	211,628	227,247	1968.....	7,975	699	716	455
1969.....	1,404,412	228,689	214,465	234,712	1969.....	8,595	673	704	476
<b>Indiana:</b>					<b>Virginia:</b>				
1950-54.....	1,111,419	62,399	136,148	143,500	1950-54.....	834,012	35,773	86,066	70,342
1960-64.....	1,371,402	203,107	189,353	220,281	1960-64.....	775,425	49,140	76,194	80,532
1968.....	1,850,984	329,666	253,481	287,881	1968.....	848,596	69,778	81,090	90,083
1969.....	1,973,433	343,414	247,492	302,502	1969.....	825,873	77,559	78,928	89,688
<b>Illinois:</b>					<b>West Virginia:</b>				
1950-54.....	1,396,234	60,269	110,129	124,586	1950-54.....	89,429	3,012	12,445	6,593
1960-64.....	1,526,344	260,118	222,528	182,187	1960-64.....	76,786	4,169	10,523	7,583
1968.....	3,277,540	610,151	496,737	452,372	1968.....	67,230	6,284	9,420	7,065
1969.....	3,141,728	595,502	459,093	481,889	1969.....	71,122	6,727	10,353	8,001
<b>Michigan:</b>					<b>North Carolina:</b>				
1950-54.....	596,705	26,637	80,080	71,264	1950-54.....	1,886,239	111,049	154,706	134,310
1960-64.....	751,465	83,041	115,503	106,401	1960-64.....	1,702,295	133,173	130,590	156,339
1968.....	797,021	111,487	122,716	137,438	1968.....	1,717,346	169,631	127,033	158,259
1969.....	809,654	139,290	132,619	152,987	1969.....	1,785,022	195,513	134,435	168,804
<b>Wisconsin:</b>					<b>South Carolina:</b>				
1950-54.....	418,974	16,579	56,748	65,145	1950-54.....	956,979	64,775	76,257	66,859
1960-64.....	489,227	38,722	75,624	112,042	1960-64.....	838,933	69,388	67,245	90,975
1968.....	528,276	103,997	120,882	199,647	1968.....	911,183	91,262	72,198	94,788
1969.....	846,719	115,130	120,100	197,681	1969.....	855,625	90,601	66,693	88,458

See footnotes at end of table.

Table 695.—Fertilizers: Quantities<sup>1</sup> of commercial fertilizers consumed and their available plant-nutrient content,<sup>2</sup> by States and possessions, averages 1950-54 and 1960-64, and years beginning July 1, 1968 and 1969—Continued

State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	State or possession and period	Commercial fertilizer	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)
Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons	Tons
<b>Georgia:</b>					<b>Colorado:</b>				
1950-54.....	1,328,816	80,464	108,284	95,989	1950-54.....	48,674	6,670	11,049	975
1960-64.....	1,557,633	157,385	125,809	159,098	1960-64.....	155,808	32,535	25,797	2,604
1968.....	1,940,058	261,699	145,367	203,715	1968.....	255,343	70,708	41,928	6,549
1969.....	1,945,703	251,221	136,547	188,833	1969.....	268,407	80,143	41,843	7,247
<b>Florida:</b>					<b>New Mexico:</b>				
1950-54.....	1,132,201	66,001	74,777	85,910	1950-54.....	24,713	3,812	5,663	73
1960-64.....	1,623,224	127,427	96,047	153,934	1960-64.....	59,528	14,433	10,784	516
1968.....	1,885,187	180,298	105,323	209,071	1968.....	95,086	30,555	16,121	903
1969.....	1,892,364	191,156	107,050	215,680	1969.....	95,820	30,251	15,015	1,152
<b>Kentucky:</b>					<b>Arizona:</b>				
1950-54.....	581,767	29,067	67,786	50,702	1950-54.....	135,914	28,780	12,092	811
1960-64.....	643,332	59,877	81,063	80,338	1960-64.....	225,818	60,580	22,679	1,637
1968.....	811,657	108,046	97,933	108,801	1968.....	277,681	94,061	31,141	1,316
1969.....	764,036	101,458	90,358	110,405	1969.....	280,507	96,712	31,217	2,303
<b>Tennessee:</b>					<b>Utah:</b>				
1950-54.....	557,396	38,327	59,606	46,224	1950-54.....	29,498	4,556	3,800	175
1960-64.....	680,139	77,225	70,907	73,573	1960-64.....	46,273	9,499	7,343	304
1968.....	825,401	104,483	90,530	97,526	1968.....	87,960	13,112	24,674	250
1969.....	750,447	96,688	83,796	90,664	1969.....	90,422	15,603	24,015	257
<b>Alabama:</b>					<b>Nevada:</b>				
1950-54.....	1,249,893	78,340	110,590	70,547	1950-54.....	6,568	283	521	31
1960-64.....	1,022,028	99,006	101,873	97,459	1960-64.....	10,186	1,769	1,173	73
1968.....	1,057,819	137,631	105,399	106,470	1968.....	17,373	2,896	1,813	116
1969.....	1,033,032	140,691	105,581	109,661	1969.....	16,754	3,259	2,173	185
<b>Mississippi:</b>					<b>Washington:</b>				
1950-54.....	762,376	105,812	51,529	37,722	1950-54.....	140,471	26,693	11,440	4,440
1960-64.....	689,223	123,913	83,609	49,142	1960-64.....	367,109	98,325	29,501	10,065
1968.....	739,169	136,550	71,453	60,010	1968.....	522,600	134,942	46,030	17,947
1969.....	739,649	148,129	68,330	64,235	1969.....	541,645	145,165	44,698	19,586
<b>Arkansas:</b>					<b>Oregon:</b>				
1950-54.....	362,311	45,213	29,702	36,136	1950-54.....	142,488	23,332	12,330	2,864
1960-64.....	428,220	79,504	43,871	53,826	1960-64.....	274,597	52,933	22,270	7,530
1968.....	576,496	104,696	65,513	76,274	1968.....	381,858	79,683	39,964	8,972
1969.....	572,697	107,304	63,591	73,442	1969.....	418,032	85,951	44,875	12,328
<b>Louisiana:</b>					<b>California:</b>				
1950-54.....	322,580	45,213	29,702	36,136	1950-54.....	1,637,440	162,798	68,306	20,016
1960-64.....	352,018	79,504	43,871	53,826	1960-64.....	2,925,836	319,015	115,513	32,422
1968.....	503,325	105,008	54,275	47,635	1968.....	3,078,606	387,207	141,813	54,333
1969.....	558,281	113,981	55,789	53,333	1969.....	3,137,942	414,794	146,350	61,711
<b>Oklahoma:</b>					<b>Alaska:</b>				
1950-54.....	147,545	8,844	20,473	5,045	1950-54.....	577	66	126	50
1960-64.....	302,179	56,282	52,642	14,081	1960-64.....	4,855	930	802	440
1968.....	360,374	137,178	87,086	28,926	1968.....	4,388	704	723	484
1969.....	626,304	163,088	90,495	36,096	1969.....	4,808	992	758	527
<b>Texas:</b>					<b>Hawaii:</b>				
1950-54.....	588,562	58,902	79,919	19,855	1950-54.....	133,610	19,947	8,017	16,163
1960-64.....	1,167,949	297,055	156,188	40,141	1960-64.....	155,600	25,271	10,985	22,177
1968.....	2,285,454	639,447	302,884	90,877	1968.....	171,778	26,265	15,583	24,038
1969.....	2,251,805	675,490	285,481	90,638	1969.....	189,262	28,802	19,082	23,955
<b>Montana:</b>					<b>Puerto Rico:</b>				
1950-54.....	24,580	2,444	6,657	45	1950-54.....	283,946	38,824	12,684	22,811
1960-64.....	62,805	9,079	18,735	258	1960-64.....	253,694	34,631	14,466	25,672
1968.....	186,361	36,507	48,221	1,220	1968.....	161,888	22,432	9,112	18,408
1969.....	186,451	36,786	49,755	1,572	1969.....	196,566	21,940	8,586	17,558
<b>Idaho:</b>					<b>United States:</b>				
1950-54.....	78,204	10,273	11,727	224	1950-54.....	22,467,276	1,621,003	2,219,647	1,678,122
1960-64.....	204,511	43,648	29,530	1,019	1960-64.....	28,606,764	3,857,622	3,686,400	2,900,137
1968.....	433,584	101,955	67,433	4,144	1968.....	38,948,517	6,957,600	4,665,569	3,891,576
1969.....	423,208	93,887	67,732	4,220	1969.....	39,590,611	7,459,207	4,573,858	4,035,699
<b>Wyoming:</b>									
1950-54.....	9,446	734	2,717	45					
1960-64.....	21,622	5,233	4,585	59					
1968.....	68,310	16,821	10,849	837					
1969.....	72,086	18,049	9,889	1,060					

<sup>1</sup> Includes Government distribution and secondary and micronutrient fertilizers, but not liming materials.

<sup>2</sup> Calculations for 1964 and later years based on the guaranteed analysis of individual fertilizers. Calculations for earlier years included over-and-under formulations of individual fertilizers.

Statistical Reporting Service.

**Table 696.—Fertilizers: Quantities of commercial fertilizers consumed and their average primary plant-nutrient content, United States, 1954-69<sup>1</sup>**

Year beginning July	Mixed fertilizers				All fertilizers containing primary nutrients				Other fertilizers <sup>2</sup>
	Quantity	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	Quantity	Nitrogen (N)	Available phosphoric oxide (P <sub>2</sub> O <sub>5</sub> )	Potash (K <sub>2</sub> O)	
	1,000 tons	Percent	Percent	Percent	1,000 tons	Percent	Percent	Percent	
1954.....	15,348	5.24	11.86	10.80	21,935	8.94	10.41	8.55	792
1955.....	14,776	5.99	12.08	11.20	21,404	9.03	10.30	8.76	790
1956.....	14,703	5.74	12.36	11.43	21,706	9.81	10.59	8.90	943
1957.....	14,353	5.96	12.53	11.73	21,576	10.59	10.62	8.97	940
1958.....	16,069	6.22	12.54	11.91	24,085	11.09	10.59	9.10	1,223
1959.....	15,650	6.50	12.99	12.06	23,499	11.66	10.95	9.16	1,378
1960.....	15,735	6.81	13.15	11.97	24,374	12.43	10.85	8.90	1,193
1961.....	16,205	7.08	13.70	12.17	25,305	13.32	11.09	8.97	1,310
1962.....	17,157	7.36	14.42	12.32	27,386	14.35	11.22	9.14	1,458
1963.....	18,693	7.61	14.95	12.68	29,296	14.90	11.57	9.35	1,475
1964.....	18,559	7.82	15.17	12.39	30,315	15.30	11.59	9.35	1,521
1965.....	19,639	8.10	15.82	12.61	33,071	16.11	11.78	9.74	1,461
1966.....	21,132	8.35	16.58	13.02	35,684	16.89	12.06	10.21	1,397
1967.....	21,294	8.77	16.81	12.67	37,126	18.28	12.00	10.22	1,617
1968.....	21,234	8.95	17.54	12.53	37,615	18.50	12.41	10.34	1,334
1969.....	20,963	9.25	17.69	12.71	38,295	19.48	11.94	10.54	1,296

<sup>1</sup> Includes Alaska, District of Columbia, Hawaii, and Puerto Rico; also fertilizers distributed by Government agencies.

<sup>2</sup> Products that do not contain primary nutrients. Includes gypsum, but not liming materials.

<sup>3</sup> Calculations for 1964 and later years based on the guaranteed analysis of individual fertilizers. Calculations for earlier years included over-and-under formulations of individual fertilizers.

Statistical Reporting Service. Data for 1945-53 in *Agricultural Statistics, 1967*, table 700.

**Table 697.—Fertilizer materials: Sales of agricultural lime and phosphate rock, United States, 1968-70**

Item	Quantity			Value		
	1968	1969	1970	1968	1969	1970
Phosphate rock sold or used <sup>1</sup> by producers:						
Florida:						
Soft rock.....	Tons 30,000	Tons 30,000	Tons 24,000	Dollars 224,000	Dollars 221,000	Dollars 168,000
Land pebble <sup>2</sup> .....	29,571,000	28,835,000	30,266,000	173,190,000	155,197,000	133,471,000
Tennessee <sup>3</sup> .....	3,065,000	*3,193,000	3,184,000	23,646,000	*18,192,000	15,606,000
Other States.....	4,653,000	4,672,000	4,447,000	31,289,000	30,799,000	30,383,000
Total.....	37,319,000	36,730,000	37,923,000	228,347,000	204,409,000	199,629,000
Agricultural lime and liming materials sold by producers:						
Lime from limestone:						
Quicklime <sup>4</sup> .....	117,081	102,000	45,119	*2,467,723	*2,400,000	666,598
Hydrated.....	96,015	78,000	96,791			1,672,026
Limestone pulverized.....	38,402,000	35,011	33,081	69,033,000	62,865	55,786
Calcareous marl.....	186,000	141,000	178,000	150,000	124,000	180,000

<sup>1</sup> Uses include manufacture of superphosphate, phosphate, phosphoric acid, phosphorus, and ferrophosphorus; for direct application to the soil; as a fertilizer filler, stock and poultry feed, undistributed exports, and other minor uses.

<sup>2</sup> Includes North Carolina sales.

<sup>3</sup> Includes sintered matrix.

<sup>4</sup> Includes production in Alabama.

<sup>5</sup> Prior to 1969, value is quoted for more highly processed material.

<sup>6</sup> Lime from oystershells included with quicklime from limestone.

<sup>7</sup> Value not quoted separately.

Economic Research Service. Compiled from reports of the U.S. Department of Interior.

Table 698.—Pesticides (insecticides, fungicides, and weed killers): Production and foreign trade, United States, 1964-70

Item	1964	1965	1966	1967	1968	1969	1970
<b>PRODUCTION</b>							
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds
Calcium arsenate.....	6,958	4,192	2,890	2,040	3,398	1,418	.....
Lead arsenate.....	9,258	7,098	7,328	5,932	9,016	9,142	.....
Copper sulfate.....	83,768	94,656	103,416	80,256	87,568	101,136	80,648
Aldrin-toxaphene group <sup>1</sup> .....	105,296	118,832	130,470	120,183	115,974	107,311	.....
DDT.....	123,709	140,783	141,349	103,411	139,401	123,103	.....
Methyl bromide.....	16,994	14,303	16,345	19,665	20,454	20,033	.....
Methyl parathion.....	18,640	29,111	35,862	33,344	38,163	50,572	<sup>2</sup> 41,964
Parathion.....	12,768	16,607	19,444	11,361	.....	.....	.....
Ferbam.....	1,838	2,384	1,379	2,531	1,900	.....	.....
Nabam.....	2,251	2,469	2,063	1,361	.....	1,938	.....
Zineb.....	6,664	5,073	4,721	3,055	3,081	.....	.....
2,4-D acid.....	53,714	63,320	68,182	77,139	79,263	47,077	.....
2,4,5-T acid.....	11,434	11,601	15,489	14,552	17,530	4,999	.....
Other organic pesticides.....	437,943	477,148	577,816	663,261	698,253	729,210	.....
<b>IMPORTS</b>							
Pyrethrum flowers.....	1,436	601	1,044	1,890	292	469	181
Pyrethrum extract.....	890	588	726	597	684	728	660
Rotenone-bearing roots.....	1,664	1,766	4,046	2,825	2,618	2,284	1,763
<b>EXPORTS<sup>3</sup></b>							
Fungicides <sup>4</sup> .....	60,807	32,993	42,320	38,488	37,629	36,248	41,306
2,4-D and 2,4,5-T, acid basis <sup>5</sup> .....	13,037	6,924	5,419	4,410	3,391	7,287	9,571
Other herbicides.....	23,360	33,207	39,624	57,526	69,474	62,195	68,390
DDT.....	84,627	90,414	90,914	81,828	109,148	82,077	69,550
Other polychlor insecticides.....	49,645	38,780	57,298	71,722	76,216	44,896	47,581
Organophosphorus insecticides.....	21,326	31,271	39,542	77,993	63,819	64,895	52,658
Other agricultural insecticides <sup>6</sup> .....	75,287	49,813	46,551	43,941	68,547	53,820	58,219
Fumigants.....	9,439	9,063	10,695	16,038	24,106	37,274	33,894
Disinfectants, deodorants, and germicides.....	10,978	3,835	8,693	7,721	10,124	9,776	10,183
Household and industrial insecticides, repellents, and rodenticides.....	11,982	9,253	14,166	11,264	9,357	10,916	12,808

<sup>1</sup> Includes the chlorinated compounds aldrin, chlordane, dieldrin, endrin, heptachlor, and toxaphene; includes terpene polychlorinateds, beginning 1965.

<sup>2</sup> Preliminary.

<sup>3</sup> Export categories not comparable with those shown in earlier issues; in 1965, the Department of Commerce discontinued separate reporting of some of the individual items previously listed.

<sup>4</sup> Includes copper sulfate and agricultural sulfur, which were previously listed separately.

<sup>5</sup> Beginning 1965, preparations containing 2,4-D and 2,4,5-T included in "Other herbicides."

<sup>6</sup> Includes calcium arsenate, lead arsenate, and nicotine sulfate, which were previously listed separately.

Agricultural Stabilization and Conservation Service. Compiled from data supplied by the U.S. Department of Commerce, the U.S. Tariff Commission, the U.S. Department of Interior, and trade sources.

Table 699.—Pesticides: Inorganic materials for formulation or manufacture and shipments to agriculture, United States, 1961-70

Item	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970
<b>Used in pesticide formulation:</b>										
Talc and soapstone.....	46,581	48,045	39,826	38,927	38,841	36,449	40,759	38,739	53,722	38,067
Pyrophyllite.....	36,445	31,297	25,408	27,661	29,080	25,449	27,598	(1)	227,600	222,750
Fuller's earth.....	103,536	89,435	95,382	116,344	138,435	189,758	180,500	148,202	187,426	.....
Kaolin.....	26,505	33,939	33,579	19,836	13,014	24,101	12,644	9,955	25,427	.....
Bentonite.....	34,090	.....	7,263	6,192	6,490	6,977	10,342	4,821	2,199	.....
Other clays.....	.....	.....	4,914	.....	6,565	.....	.....	.....	.....	.....
<b>Used in manufacture:</b>										
Mercury.....	97	162	96	119	118	90	142	130	102	69
<b>Shipments to agriculture:</b>										
Copper sulfate.....	17,788	17,780	17,608	20,908	23,636	20,752	16,996	18,596	21,036	14,384
Zinc sulfate (dry basis).....	5,086	7,313	9,407	9,807	12,449	16,891	14,803	17,631	15,566	13,717

<sup>1</sup> Data not available.

<sup>2</sup> Estimated.

Agricultural Stabilization and Conservation Service. Compiled from reports of the U.S. Department of Interior.

Table 700.—Pesticides (insecticides, fungicides, and weed killers): Average wholesale price per pound, at works, United States, 1961-70<sup>1</sup>

Year	BHC <sup>2</sup>	Chlordane	Copper sulfate 99%	Copper sulfate, tribasic	Cube	2,4-D	2,4-D ester	DDT <sup>3</sup>
	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>
1961.....	0.75	65.0	12.3	28.8	21.0	40.0	43.0	21.1
1962.....	.75	65.0	12.5	28.6	18.1	38.2	40.6	20.9
1963.....	.75	65.0	12.5	28.6	17.1	34.5	35.5	18.6
1964.....	.75	65.0	14.0	30.9	16.0	34.5	35.5	16.6
1965.....	.75	65.0	15.3	32.5	17.8	33.9	35.0	17.0
1966.....	.75	65.0	17.2	36.5	19.2	32.5	33.1	18.0
1967.....	.68	60.2	18.5	38.9	22.7	33.2	35.7	17.9
1968.....	.66	59.0	19.5	40.6	23.2	35.2	37.2	17.4
1969.....	.65	59.0	21.2	44.4	23.1	33.2	35.5	17.7
1970.....	.65	59.0	23.9	49.5	22.0	33.2	35.5	21.8

  

Year	Lead arsenate	Lindane	Lindane 25%	Methyl bromide	Parathion	Pyrethrum 1.3%	Pyrethrum 20%	2,4,5-T
	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Cents</i>	<i>Cents</i>	<i>Cents</i>	<i>Dollars</i>	<i>Dollars</i>
1961.....	30.5	2.13	1.42	67.0	84.0	71.0	11.18	1.18
1962.....	26.3	2.13	1.42	67.0	84.0	70.9	11.18	1.18
1963.....	26.0	1.89	1.02	67.0	84.0	70.0	11.18	1.14
1964.....	26.8	1.85	.95	67.0	85.6	70.8	11.18	.95
1965.....	27.8	1.85	.95	67.0	88.0	74.9	11.18	.95
1966.....	29.0	1.85	.95	67.0	88.0	79.0	11.30	.98
1967.....	30.0	1.41	.95	60.6	77.9	81.0	11.52	1.02
1968.....	29.3	1.30	.95	60.5	62.4	78.4	11.19	1.11
1969.....	26.6	1.30	.95	60.5	59.0	75.0	10.60	1.14
1970.....	27.5	1.30	.95	60.5	59.0	75.0	9.92	1.13

<sup>1</sup> Average of weekly price quotations.<sup>2</sup> Gamma unit price; i.e., price per pound of 36 percent gamma material is 36 times the unit price quoted.<sup>3</sup> Price for flake or chip grades; price for powdered is 0.75 cent to 1 cent higher.Agricultural Stabilization and Conservation Service. Compiled from the Oil, Paint, and Drug Reporter. Data for 1944-60 in *Agricultural Statistics, 1967*, table 704.



## CHAPTER X

# TAXES, INSURANCE, CREDIT, AND COOPERATIVES

The statistics in this chapter deal with taxes, insurance, agricultural credit, and farm cooperatives. Some of the series were developed in connection with research activities of the Department, while others, such as data from agricultural credit agencies, are primarily records of operations.

**Table 701.—Taxes levied on farm real estate and personal property: Amount, amount per acre, index numbers of amount per acre, United States, 1954-70<sup>1</sup>**

Year	Farm real estate			Farm personal property
	Amount	Tax per acre		
		Amount	Index (1967 = 100)	
	Million dollars	Dollars		Million dollars
1954.....	878.4	0.82	45	216.0
1955.....	931.2	.88	48	223.0
1956.....	974.2	.92	50	219.4
1957.....	1,032.1	.99	54	228.2
1958.....	1,080.7	1.05	57	247.9
1959.....	1,154.7	1.13	61	274.0
1960.....	1,244.3	1.22	66	286.0
1961.....	1,314.6	1.29	70	297.9
1962.....	1,380.5	1.36	74	304.4
1963.....	1,430.4	1.41	77	319.9
1964.....	1,486.7	1.47	80	330.9
1965.....	1,583.0	1.55	85	337.9
1966.....	1,715.2	1.70	92	368.3
1967.....	1,857.9	1.84	100	382.5
1968.....	2,066.9	2.05	111	<sup>a</sup> 420.6
1969.....	2,295.4	2.27	124	<sup>a</sup> 416.6
1970 <sup>1</sup> .....	2,493.9	2.47	134	445.8

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.

<sup>2</sup> Preliminary.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 705.

**Table 702.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1968 and 1969<sup>1</sup>**

State and region	Amounts levied on farm real estate		Taxes per acre				Taxes per \$100 of full value	
			Amount		Index (1967=100)			
	1968	1969	1968	1969	1968	1969	1968	1969
	Million dollars	Million dollars	Dollars	Dollars			Dollars	Dollars
Maine.....	7.1	8.1	2.77	3.15	109	124	2.31	2.43
New Hampshire.....	3.1	3.5	3.49	3.93	111	125	2.08	2.15
Vermont.....	7.4	7.9	2.93	3.14	116	124	1.97	1.92
Massachusetts.....	9.6	10.8	10.84	12.31	114	130	2.29	2.43
Rhode Island.....	.9	1.1	9.46	10.79	106	121	1.84	1.62
Connecticut.....	6.9	7.5	9.77	10.68	112	122	1.36	1.40
New York.....	58.7	69.4	4.80	5.68	108	127	2.19	2.39
New Jersey.....	18.9	21.5	16.55	18.67	111	126	1.99	2.06
Pennsylvania.....	40.2	42.5	3.76	3.96	108	114	1.33	1.28
Delaware.....	1.3	2.0	1.87	2.84	95	145	.46	.66
Maryland.....	14.1	15.3	4.46	4.85	114	124	.79	.79
<b>Northeast.....</b>	<b>168.2</b>	<b>189.7</b>	<b>4.72</b>	<b>5.33</b>	<b>110</b>	<b>124</b>	<b>1.59</b>	<b>1.65</b>
Michigan.....	60.0	68.9	4.42	5.08	116	133	1.50	1.60
Wisconsin.....	84.0	92.1	4.13	4.63	113	124	2.17	2.16
Minnesota.....	93.5	105.6	3.04	3.44	113	128	1.50	1.58
<b>Lake States.....</b>	<b>237.4</b>	<b>266.8</b>	<b>3.67</b>	<b>4.13</b>	<b>114</b>	<b>128</b>	<b>1.68</b>	<b>1.75</b>
Ohio.....	58.3	64.7	3.32	3.68	108	120	.90	.96
Indiana.....	80.8	88.9	4.51	4.97	108	119	1.08	1.18
Illinois.....	197.4	210.5	6.60	7.03	116	124	1.41	1.44
Iowa.....	155.9	186.4	4.65	5.53	111	133	1.25	1.42
Missouri.....	49.1	56.5	1.50	1.73	106	122	.73	.77
<b>Corn Belt.....</b>	<b>541.6</b>	<b>607.0</b>	<b>4.11</b>	<b>4.61</b>	<b>111</b>	<b>125</b>	<b>1.15</b>	<b>1.23</b>
North Dakota.....	35.0	38.9	.86	.96	105	117	1.02	1.05
South Dakota.....	40.4	44.5	1.04	1.15	113	125	1.23	1.32
Nebraska.....	76.7	88.9	1.67	1.93	109	127	1.18	1.31
Kansas.....	95.9	102.8	1.91	2.05	112	120	1.24	1.29
<b>Northern Plains.....</b>	<b>247.9</b>	<b>275.1</b>	<b>1.41</b>	<b>1.57</b>	<b>110</b>	<b>122</b>	<b>1.19</b>	<b>1.26</b>
Virginia.....	17.6	19.7	1.47	1.65	112	125	.63	.68
West Virginia.....	2.7	2.8	.51	.63	104	107	.49	.47
North Carolina.....	23.0	24.8	1.61	1.73	108	116	.62	.62
Kentucky.....	20.5	20.9	1.26	1.29	105	107	.67	.67
Tennessee.....	16.5	20.2	1.08	1.32	115	141	.49	.66
<b>Appalachian.....</b>	<b>80.4</b>	<b>88.4</b>	<b>1.28</b>	<b>1.40</b>	<b>109</b>	<b>120</b>	<b>.55</b>	<b>.67</b>
South Carolina.....	7.8	9.0	.96	1.12	105	122	.43	.45
Georgia.....	20.3	22.5	1.14	1.26	117	129	.60	.67
Florida.....	44.4	48.4	2.90	3.17	101	110	.95	1.00
Alabama.....	6.4	6.9	.42	.45	102	110	.26	.25
<b>Southeast.....</b>	<b>78.9</b>	<b>86.8</b>	<b>1.40</b>	<b>1.54</b>	<b>105</b>	<b>116</b>	<b>.64</b>	<b>.64</b>
Mississippi.....	11.5	12.4	.65	.70	112	121	.31	.30
Arkansas.....	17.8	19.8	1.08	1.20	103	115	.46	.46
Louisiana.....	9.3	9.6	.89	.93	101	105	.28	.28
<b>Delta States.....</b>	<b>38.5</b>	<b>41.8</b>	<b>.86</b>	<b>.94</b>	<b>105</b>	<b>114</b>	<b>.35</b>	<b>.36</b>
Oklahoma.....	27.5	27.9	.79	.80	108	109	.50	.49
Texas.....	98.4	102.1	.70	.72	105	108	.53	.52
<b>Southern Plains.....</b>	<b>125.9</b>	<b>130.0</b>	<b>.71</b>	<b>.74</b>	<b>105</b>	<b>109</b>	<b>.62</b>	<b>.61</b>

See footnotes at end of table.

**Table 702.—Taxes levied on farm real estate: Amount levied on farm real estate, amount per acre, index numbers of amount per acre, and amount per \$100 of full value, by States, 1968 and 1969<sup>1</sup>—Continued**

State and region	Amounts levied on farm real estate		Taxes per acre				Taxes per \$100 of full value	
			Amount		Index (1967 = 100)			
	1968	1969	1968	1969	1968	1969	1968	1969
	Million dollars	Million dollars	Dollars	Dollars			Dollars	Dollars
Montana.....	25.8	27.7	0.49	0.52	102	109	0.89	0.92
Idaho.....	19.7	20.8	1.53	1.61	101	107	.86	.88
Wyoming.....	8.1	8.6	.31	.33	101	108	.77	.78
Colorado.....	29.9	31.4	.85	.89	107	112	.99	1.00
New Mexico.....	5.9	6.0	.18	.18	109	111	.35	.35
Arizona.....	12.3	11.8	1.08	1.03	147	141	1.02	.99
Utah.....	7.2	7.4	.77	.80	100	103	.79	.80
Nevada.....	2.7	2.8	.38	.38	101	103	.71	.70
Mountain.....	111.7	116.4	.59	.62	107	111	.83	.84
Washington.....	40.3	44.4	2.28	2.52	112	123	1.16	1.20
Oregon.....	49.7	47.9	2.50	2.41	107	103	1.84	1.66
California.....	342.4	397.1	9.87	11.45	119	138	1.77	2.00
Pacific.....	432.3	480.3	5.99	6.78	117	132	1.70	1.85
48 States.....	2,062.7	2,291.3	2.05	2.27	111	124	1.06	1.13
Alaska.....	.2	.2	3.48	3.78	114	123	1.85	1.88
Hawaii.....	4.0	4.0	1.75	1.75	110	110	1.04	.99
United States.....	2,066.9	2,295.4	2.05	2.27	111	124	1.06	1.12

<sup>1</sup> Includes Alaska and Hawaii.

Economic Research Service.

**Table 703.—Motor vehicles: Registrations, motor-fuel consumption, and road-user taxes (levied by the States), United States, 1954-70<sup>1</sup>**

Year	Motor-vehicle registrations and fees			Motor-fuel consumption and taxes			
	Registered motor vehicles, private and commercial			Net total receipts of calendar year <sup>2</sup>	Weighted average tax rate per gallon during year	Consumption of motor fuel on highways	Adjusted net total receipts of calendar year
	Passenger automobiles, taxicabs, and buses	Motor-trucks, tractor trucks, etc.	Total				
	Number	Number	Number	1,000 dollars	Cents	1,000 gallons	1,000 dollars
1954.....	48,433,460	9,361,416	57,794,876	1,334,140	5.19	44,365,465	2,305,759
1955.....	52,102,867	9,945,878	61,948,740	1,482,612	5.35	47,730,578	2,549,045
1956.....	54,160,392	10,217,427	64,377,819	1,582,215	5.54	50,514,299	2,791,284
1957.....	55,851,986	10,447,048	66,299,034	1,661,685	5.58	51,864,631	2,907,543
1958.....	56,811,572	10,607,684	67,419,256	1,702,422	5.65	53,418,468	2,980,842
1959.....	59,350,796	11,078,253	70,429,049	1,827,633	5.86	56,331,876	3,264,560
1960.....	61,568,434	11,329,278	72,897,712	1,925,536	5.94	57,877,826	3,395,865
1961.....	63,293,065	11,639,049	74,932,114	1,980,832	6.09	59,306,106	3,547,749
1962.....	65,965,240	12,120,510	78,085,750	2,060,316	6.18	61,697,107	3,781,299
1963.....	68,903,676	12,659,102	81,562,778	2,191,296	6.22	64,516,432	3,962,868
1964.....	71,815,701	13,282,536	85,098,237	2,363,860	6.31	67,901,409	4,217,495
1965.....	75,064,422	14,026,045	89,090,467	2,512,217	6.41	71,104,430	4,495,236
1966.....	77,907,462	14,721,307	92,628,769	2,760,909	6.42	74,664,492	4,757,636
1967.....	80,178,394	15,339,051	95,517,445	2,893,589	6.45	77,730,068	5,006,739
1968.....	83,349,325	16,051,602	99,400,927	3,161,208	6.62	82,948,141	5,469,020
1969.....	86,588,055	16,970,324	103,558,379	3,508,142	6.84	88,122,286	5,994,343
1970.....	89,029,626	17,789,280	106,818,906	3,798,527	7.01	92,331,919	6,479,062

<sup>1</sup> Beginning 1959, includes Alaska and Hawaii.<sup>2</sup> Includes motor-vehicle and motor-carrier tax receipts.Federal Highway Administration, U.S. Department of Transportation. Data for 1939-53 in *Agricultural Statistics, 1967*, table 700.

Table 704.—Motor vehicles: Registrations, road-user tax revenue, and motor-fuel consumption, by States, 1970

State	Motor-vehicle registrations, private and commercial				Registration and other motor-vehicle fees	Motor-fuel taxes		Motor-fuel consumption on highways
	Passenger cars and taxicabs	Buses <sup>1</sup>	Trucks	Total		State tax rate per gallon on Dec. 31 <sup>2</sup>	Adjusted net total receipts	
	Number	Number	Number	Number	1,000 dollars	Cents	1,000 dollars	1,000 gallons
Alabama.....	1,552,922	1,909	382,743	1,937,574	39,008	7	117,067	1,635,662
Alaska.....	93,005	514	39,919	133,438	6,006	8	7,960	96,406
Arizona.....	821,941	586	249,851	1,072,378	29,632	7	67,861	976,263
Arkansas.....	724,001	626	304,352	1,028,979	32,234	7.5(8.5&7.5)	76,906	1,017,188
California.....	9,820,663	12,052	1,893,675	11,726,390	527,807	7(7&6)	653,619	9,440,540
Colorado.....	1,092,330	1,141	322,508	1,415,979	32,570	7	75,250	1,119,268
Connecticut.....	1,527,028	5,973	177,453	1,710,454	47,469	8	103,579	1,265,126
Delaware.....	260,758	1,089	45,701	307,548	12,778	7	18,607	270,852
Florida.....	3,539,837	2,469	518,897	4,061,203	136,259	7	236,799	3,312,830
Georgia.....	2,059,731	2,562	493,432	2,555,725	38,987	6.5	160,362	2,478,665
Hawaii.....	355,285	1,066	42,412	398,763	11,726	8	12,934	239,164
Idaho.....	327,422	566	132,461	460,449	14,343	7	27,590	402,535
Illinois.....	4,538,683	13,343	629,636	5,181,662	258,701	7.5	327,090	4,548,033
Indiana.....	2,292,803	7,011	489,478	2,789,292	76,441	8	204,848	2,627,339
Iowa.....	1,381,334	1,314	376,692	1,759,340	85,173	7(8&7)	104,797	1,391,162
Kansas.....	1,120,478	1,486	400,569	1,522,533	36,855	7(8&5)	83,591	1,183,003
Kentucky.....	1,370,204	1,718	367,978	1,739,900	69,886	7	107,584	1,501,265
Louisiana.....	1,358,172	7,490	352,455	1,718,117	31,045	8	122,764	1,530,902
Maine.....	404,580	779	103,671	509,030	14,984	8	38,225	482,492
Maryland.....	1,619,684	6,745	226,359	1,852,768	109,727	7	115,191	1,633,523
Massachusetts.....	2,301,446	7,125	233,343	2,541,914	51,726	6.5	188,740	2,174,670
Michigan.....	3,897,365	5,691	597,145	4,500,101	144,500	7	272,221	4,096,749
Minnesota.....	1,747,321	4,509	425,715	2,177,545	70,972	7	124,687	1,810,493
Mississippi.....	817,347	2,491	279,571	1,099,409	22,903	8(10&8)	88,728	1,085,392
Missouri.....	1,882,742	4,155	496,782	2,383,679	74,376	5	118,277	2,419,768
Montana.....	310,707	1,021	163,354	475,082	14,530	7(9&7)	30,152	410,790
Nebraska.....	706,583	932	250,300	957,835	26,299	8.5	66,150	789,482
Nevada.....	262,012	267	79,408	341,647	10,790	6	20,446	337,189
New Hampshire.....	302,010	868	52,171	355,049	14,934	7	24,441	350,719
New Jersey.....	3,197,824	7,829	319,284	3,524,937	134,360	7	208,401	2,969,322
New Mexico.....	450,600	2,404	170,391	623,395	19,055	7	43,591	620,879
New York.....	5,967,910	16,721	631,678	6,616,309	262,753	7(9&7)	380,204	5,533,774
North Carolina.....	2,208,418	7,724	533,156	2,749,298	79,538	9	227,865	2,491,413
North Dakota.....	266,063	615	152,764	419,442	17,618	7	21,581	300,443
Ohio.....	5,289,945	6,727	621,336	5,918,008	170,823	7	330,071	4,738,622
Oklahoma.....	1,210,484	1,491	474,515	1,686,490	70,130	6.5	93,554	1,451,169
Oregon.....	1,106,536	2,747	229,773	1,339,356	49,963	7	71,164	1,112,041
Pennsylvania.....	5,039,923	13,508	702,066	5,755,497	167,048	8	332,892	4,551,783
Rhode Island.....	431,057	856	61,022	492,935	14,375	8	28,211	352,107
South Carolina.....	1,095,332	1,702	238,363	1,335,397	18,665	7	93,977	1,276,298
South Dakota.....	289,555	557	125,920	416,032	16,599	7(7&6)	24,332	351,749
Tennessee.....	1,631,157	2,727	385,045	2,018,929	65,198	7(8&7)	155,038	1,890,806
Texas.....	5,104,238	10,960	1,477,151	6,592,349	297,188	5(6.5)	321,292	6,294,098
Utah.....	475,755	321	136,481	612,557	11,106	7	37,590	547,153
Vermont.....	188,665	412	36,012	225,089	16,829	8(0)	16,870	221,094
Virginia.....	1,875,509	2,289	340,257	2,218,055	95,235	7	155,040	2,202,594
Washington.....	1,605,545	3,249	449,394	2,058,188	108,663	9	142,098	1,971,457
West Virginia.....	680,079	674	166,325	847,078	40,733	8.5	57,896	739,446
Wisconsin.....	1,850,703	5,634	322,544	2,178,881	74,750	7	134,971	1,923,830
Wyoming.....	156,527	860	82,907	240,294	10,186	7(0)	19,338	261,095
Dist. of Col.....	230,022	1,700	14,885	246,607	14,421	7(7&0)	16,601	251,724
Total.....	88,840,541	189,085	17,789,280	106,818,906	3,798,527	*7.1	6,479,062	92,331,919

<sup>1</sup> Estimates of numbers in operation, not registration counts by States.<sup>2</sup> Special fuel tax rates, where they differ from gasoline rates, are shown in parentheses; when there is more than one, the first rate is for diesel fuel and the second for liquefied petroleum gases.<sup>3</sup> Weighted average tax rate.

Federal Highway Administration, U.S. Department of Transportation.

**Table 705.—Social Security: Self-employed farmers and hired farm workers; taxable earnings reported and taxes paid, United States, 1955-69<sup>1</sup>**

Year	Number of persons		Earnings reported		Average earnings		Taxes paid	
	Self-employed farmers <sup>2</sup>	Hired workers <sup>3</sup>	Self-employed farmers <sup>2</sup>	Hired workers <sup>3</sup>	Self-employed farmers <sup>2</sup>	Hired workers <sup>3</sup>	Self-employed farmers <sup>2</sup>	Hired workers <sup>3</sup>
	Thousands	Thousands	Million dollars	Million dollars	Dollars	Dollars	1,000 dollars	1,000 dollars
1955.....	2,350	1,890	3,890	1,520	1,655	805	116,700	60,940
1956.....	2,570	1,910	4,680	1,630	1,820	855	140,300	65,400
1957.....	2,430	1,870	4,480	1,660	1,845	895	131,100	74,930
1958.....	2,410	1,870	4,740	1,730	1,965	930	160,000	77,980
1959.....	2,240	1,890	4,400	1,840	1,965	985	164,900	92,300
1960.....	2,160	1,900	4,330	1,920	2,005	1,020	194,700	115,500
1961.....	2,130	1,940	4,570	2,020	2,145	1,095	205,900	121,450
1962.....	2,080	1,945	4,570	2,130	2,230	1,095	214,900	135,220
1963.....	1,930	1,950	4,360	2,220	2,255	1,135	235,300	160,600
1964.....	1,840	1,960	4,320	2,305	2,345	1,175	233,140	167,230
1965.....	1,760	1,980	4,380	2,470	2,490	1,250	236,790	179,000
1966.....	1,700	1,970	5,220	2,615	2,960	1,325	320,950	219,745
1967.....	1,700	1,950	5,250	2,760	3,080	1,410	336,160	241,880
1968.....	1,670	1,940	5,390	2,930	3,225	1,505	345,015	257,400
1969 <sup>4</sup> .....	1,600	1,940	5,180	3,030	3,240	1,570	357,800	292,000

<sup>1</sup> Earnings taxable to a maximum of \$4,200 through 1958, of \$4,800 from 1959 through 1965, of \$6,600 in 1966 and 1967, and of \$7,800 in 1968 and 1969. Includes the 50 States, District of Columbia, Puerto Rico, and the Virgin Islands.

<sup>2</sup> Self-employed farmers (after 1955 includes "materially participating" farm landlords) with net earnings of at least \$400 from self-employment.

<sup>3</sup> In 1955 and 1956, farm workers receiving at least \$100 cash wages from an employer during the year. After 1956, farm workers receiving at least \$150 cash wages from, or employed 20 or more days on a time-paid basis by an employer during the year.

<sup>4</sup> Preliminary.

Economic Research Service.

**Table 706.—Social Security: Number of self-employed farmers by amount of taxable self-employment income reported, United States, 1955-69<sup>1</sup>**

Year	\$1 to \$999	\$1,000 to \$1,999	\$2,000 to \$2,999	\$3,000 to \$3,999	\$4,000 to \$4,999	\$5,000 to \$5,999	\$6,000 to \$6,999	\$7,000 to \$7,999	Total <sup>2</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1955.....	945	720	335	160	190	.....	.....	.....	2,350
1956.....	605	1,115	280	205	270	.....	.....	.....	2,570
1957.....	575	1,040	335	200	280	.....	.....	.....	2,430
1958.....	560	920	360	225	345	.....	.....	.....	2,410
1959.....	535	905	320	180	300	.....	.....	.....	2,240
1960.....	515	830	320	190	300	.....	.....	.....	2,160
1961.....	465	780	320	205	365	.....	.....	.....	2,130
1962.....	440	700	300	200	405	.....	.....	.....	2,050
1963.....	410	660	280	195	390	.....	.....	.....	1,930
1964.....	360	620	260	185	415	.....	.....	.....	1,840
1965.....	330	550	240	180	490	.....	.....	.....	1,760
1966.....	290	450	220	170	150	.....	.....	.....	1,700
1967.....	260	430	210	170	150	120	360	.....	1,700
1968.....	295	460	205	160	120	95	80	255	1,670
1969 <sup>3</sup> .....	280	450	190	140	110	90	75	265	1,600

<sup>1</sup> Earnings taxable to a maximum of \$4,200 through 1958, of \$4,800 from 1959 through 1965, of \$6,600 in 1966 and 1967, and of \$7,800 in 1968 and 1969. Includes the 50 States, District of Columbia, Puerto Rico, and the Virgin Islands. Self-employed farmers (after 1955 includes "materially participating" farm landlords) with net earnings of at least \$400 from self-employment.

<sup>2</sup> Detail and totals are independently rounded.

<sup>3</sup> Preliminary.

Economic Research Service.

Table 707.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1966-70<sup>1</sup>

Commodity and year	Coverage				Indemnities			
	County programs	Insured units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production	Amount of premium	Number	Acreage indemnified	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
Apple:								
1966	6	312	3	1,185	123	163	2	234
1967	8	685	9	4,536	365	193	3	277
1968	8	598	7	3,410	282	398	5	937
1969	8	712	8	4,087	374	73	1	89
1970	8	612	7	3,732	329	258	3	543
Barley:								
1966	177	14,073	674	10,685	949	1,107	53	396
1967	187	12,415	587	10,968	915	1,479	69	570
1968	190	12,784	651	12,297	1,023	826	44	442
1969	194	12,288	662	12,960	966	826	32	299
1970	194	11,305	657	12,682	922	1,035	58	609
Bean, dry edible:								
1966	31	4,963	102	7,149	450	601	14	469
1967	35	3,337	71	5,011	304	297	6	189
1968	35	3,752	90	6,094	377	674	16	510
1969	36	3,641	92	6,329	397	425	12	325
1970	36	3,443	84	5,648	374	579	16	439
Cherry, red tart:								
1966	1	119	2	307	38	117	2	165
Citrus:								
1966	19	5,245	70	22,201	1,648	317	5	477
1967	22	5,340	73	22,412	1,614	1,024	18	4,443
1968	23	6,993	104	32,447	2,587	3,274	54	5,708
1969	27	8,418	122	38,169	3,284	3,375	59	5,743
1970	27	7,772	109	33,744	3,277	4,350	98	9,577
Combined crop:								
1966	11	4,905	614	9,793	469	250	29	192
1967	9	4,406	603	10,559	474	637	88	1,007
1968	8	4,225	615	10,894	473	68	9	49
1969	7	3,808	546	10,259	393	25	3	19
1970	7	3,673	535	10,108	381	134	15	72
Corn:								
1966	508	92,183	3,169	115,514	7,264	7,901	268	3,292
1967	528	90,709	3,669	136,639	8,254	17,274	686	7,774
1968	551	92,719	3,374	142,307	8,311	10,462	392	5,477
1969	577	88,267	3,272	180,936	8,087	8,637	292	4,634
1970	575	82,102	3,217	150,465	7,836	12,906	533	9,196
Cotton:								
1966	263	28,644	445	42,586	2,490	11,688	139	5,679
1967	276	29,394	599	69,231	3,503	18,491	273	13,491
1968	284	41,865	1,087	132,100	6,754	16,424	343	12,942
1969	299	39,378	1,196	139,457	7,622	14,758	483	19,894
1970	299	27,675	875	73,644	4,796	7,419	231	6,346
Flax:								
1966	88	10,210	289	4,461	545	2,458	70	525
1967	88	7,692	218	3,590	421	1,278	45	334
1968	82	8,574	260	4,395	511	605	20	183
1969	82	8,508	274	4,568	523	544	17	141
1970	82	8,144	283	4,680	540	1,568	59	404
Grain sorghum:								
1966	128	11,567	366	11,804	801	952	26	333
1967	141	12,927	526	17,894	1,161	1,899	67	886
1968	180	14,483	560	21,200	1,213	1,623	72	1,229
1969	185	12,838	506	19,544	1,078	718	30	438
1970	185	13,765	565	20,997	1,197	2,759	95	1,146
Grape:								
1967	8	301	5	1,730	89	45	1	90
1968	8	352	6	2,172	113	96	1	141
1969	8	327	5	1,955	103	141	2	266
1970	8	336	5	2,097	113	80	1	87
Oat:								
1966	238	25,882	558	8,221	596	1,925	55	355
1967	246	24,989	551	9,112	623	1,370	38	298
1968	252	27,941	687	11,682	801	1,512	42	316
1969	259	25,435	636	10,972	724	1,610	39	310
1970	250	22,796	584	9,991	660	1,417	45	310

See footnotes at end of table.



## 504 TAXES, INSURANCE, CREDIT, AND COOPERATIVES, 1971

Table 707.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1966-70 —Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>1</sup>	Acreage insured <sup>2</sup>	Maximum insured production		Number	Acreage indemnified	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
Pea, dry and green:								
1966.....	20	3,486	111	6,102	442	1,249	40	1,190
1967.....	29	3,806	127	7,046	513	508	17	389
1968.....	32	3,610	128	7,111	519	1,048	49	1,440
1969.....	54	3,856	131	6,595	502	803	20	352
1970.....	54	3,442	113	5,431	429	888	25	420
Peach:								
1966.....	23	753	20	3,392	430	346	8	399
1967.....	23	741	18	2,705	339	585	13	776
1968.....	23	718	17	2,733	400	69	2	94
1969.....	23	666	16	2,607	366	126	4	148
1970.....	23	554	14	2,452	346	222	7	412
Peanut:								
1966.....	51	7,186	79	11,244	643	417	5	163
1967.....	53	7,245	85	12,922	719	936	9	394
1968.....	54	7,077	90	14,505	807	779	10	431
1969.....	56	7,710	111	18,541	1,008	926	12	637
1970.....	56	8,143	121	21,142	1,126	329	5	243
Potato: <sup>3</sup>								
1966.....	14	368	17	3,409	214	112	5	486
1967.....	17	303	10	1,799	138	86	2	145
1968.....	17	137	6	965	72	43	1	90
1969.....	17	149	4	751	55	37	1	85
Raisin:								
1966.....	7	2,037	793	14,936	397	10	71	26
1967.....	7	2,054	778	12,401	330	16	(*)	18
1968.....	7	2,034	796	15,401	409	3	(*)	14
1969.....	7	1,818	784	13,897	382	32	72	115
1970.....	7	1,569	763	10,541	290	0	0	0
Rice:								
1966.....	20	242	15	1,640	54	11	(*)	18
1967.....	24	278	19	2,153	63	11	1	19
1968.....	24	254	19	2,176	63	11	1	48
1969.....	24	198	13	1,540	43	9	1	19
1970.....	24	166	12	1,342	39	3	(*)	3
Safflower: <sup>4</sup>								
1966.....	2	3	(*)	2	(*)	2	(*)	1
Soybean:								
1966.....	509	64,465	1,845	60,383	3,988	5,403	180	2,313
1967.....	544	65,969	1,975	66,008	4,180	13,269	424	5,305
1968.....	563	66,870	2,012	71,630	4,420	7,639	271	3,456
1969.....	602	62,357	1,953	72,349	4,239	7,131	258	3,765
1970.....	602	55,581	1,755	65,509	3,928	5,104	184	2,286
Sugarbeet:								
1966.....	16	1,965	50	7,216	274	278	5	159
1967.....	54	2,542	94	12,507	564	265	11	335
1968.....	67	2,296	106	14,177	617	253	12	393
1969.....	78	1,933	93	12,294	540	294	19	691
1970.....	78	1,986	86	11,342	488	351	18	637
Sugarcane:								
1967.....	4	450	21	2,680	92	6	(*)	6
1968.....	11	1,017	42	5,406	171	26	1	35
1969.....	12	1,094	37	4,710	144	41	1	11
1970.....	12	1,075	47	6,893	190	36	1	41
Tobacco:								
1966.....	244	112,768	210	141,028	4,000	4,556	9	2,371
1967.....	252	111,480	221	150,718	4,159	3,986	5	1,574
1968.....	255	106,001	203	143,331	3,915	4,484	8	2,096
1969.....	253	106,815	239	192,952	4,651	5,561	15	4,938
1970.....	253	109,431	266	217,838	5,251	3,449	9	3,041
Tomato:								
1966.....	8	90	2	284	17	27	1	31
1967.....	11	219	3	553	45	24	(*)	29
1968.....	13	201	3	698	51	35	1	49
1969.....	13	142	3	527	36	43	1	65
1970.....	13	171	3	660	45	15	(*)	13

See footnotes at end of table.

Table 707.—Crop insurance programs: Coverage, amount of premiums and indemnities, by crops, United States, 1966-70—Continued

Commodity and year	Coverage				Amount of premium	Indemnities		
	County programs	Insured units <sup>2</sup>	Acreage insured <sup>3</sup>	Maximum insured production		Number	Acreage indemnified	Amount
	Number	Number	1,000 acres	1,000 dollars	1,000 dollars		1,000 acres	1,000 dollars
<b>Tung nut:</b>								
1966.....	1	59	3	117	23	5	( <sup>4</sup> )	7
1967.....	1	52	3	103	20	4	( <sup>4</sup> )	2
1968.....	1	19	1	44	8	18	1	40
1969.....	1	16	1	43	9	4	( <sup>4</sup> )	13
1970.....	1	12	1	28	5	5	( <sup>4</sup> )	12
<b>Wheat:</b>								
1966.....	640	111,693	6,514	152,056	10,970	9,742	600	5,882
1967.....	678	118,123	8,460	210,269	14,599	18,160	1,501	16,703
1968.....	708	120,155	8,657	216,023	14,974	13,156	1,299	15,153
1969.....	736	114,484	7,385	191,039	13,202	10	796	9,746
1970.....	734	106,919	6,660	181,273	11,854	7	462	5,437
<b>Total all commodities:</b>								
1966.....	3,025	503,227	15,158	635,692	36,825	49,637	1,516	25,165
1967.....	3,245	505,457	17,947	773,518	43,484	81,846	3,277	55,054
1968.....	3,398	524,675	18,695	873,228	48,371	63,626	2,654	51,282
1969.....	3,558	504,887	17,305	917,082	48,727	45,853	2,098	32,744
1970.....	3,537	470,872	15,990	852,260	44,415	42,864	1,865	41,336

<sup>1</sup> Data for 1970 are preliminary. <sup>2</sup> Number of farms on which the insured crop was planted, including duplication where both the landlord and tenant are insured. Insured farms on which no insured crop was planted are not included. <sup>3</sup> The insured's share of the planted acreage on the farm. <sup>4</sup> Program terminated at end of 1966. <sup>5</sup> Includes a combination of commodities varying by counties. <sup>6</sup> Program terminated at end of 1969. <sup>7</sup> Thousands of tons insured for raisins (not included in total of all commodities). <sup>8</sup> Less than 500 acres. <sup>9</sup> Less than \$500.

Federal Crop Insurance Corporation. Data for 1948-65 in *Agricultural Statistics, 1967*, table 715.

Table 708.—Crop losses: Average percentage of indemnities attributed to specific hazards, by crops, 1939-69

Crop	Year	Drought	Hail	Excess moisture	Frost freeze, cold, and winter-kill	Flood	Wind	Insects	Disease	All others
		Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
Apple.....	1963-69	15.7	15.7	79.3	5.0	5.0	5.0	5.0	5.0	5.0
Barley.....	1956-69	42.5	21.2	18.4	5.7	.3	4.4	.9	1.0	5.6
Bean, dry edible.....	1946-69	14.3	19.8	20.4	28.1	1.2	5.2	1.7	7.2	2.1
Cherry, red tart.....	1963-69	7.7	7.7	88.9	3.2	3.2	3.2	3.2	3.2	3.2
Citrus.....	1951-69	.8	.8	93.8	5.4	5.4	5.4	5.4	5.4	5.4
Corn.....	1945-69	46.1	7.5	27.2	9.6	2.2	1.9	1.6	2.5	1.6
Cotton.....	1942-69	28.7	8.4	26.3	7.0	3.7	5.7	17.4	7	2.1
Flax.....	1945-69	30.8	9.3	30.9	9.4	1.8	3.2	1.6	3.6	9.4
Grain sorghum.....	1959-69	38.5	13.0	9.6	8.8	1.8	10.9	15.8	.7	.9
Grape.....	1967-69	2.8	2.8	8.4	65.4	23.3	23.3	23.3	23.3	23.3
Oat.....	1956-69	33.2	28.9	22.1	3.6	.3	6.9	1.7	.9	2.4
Orange.....	1958-69	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Pea, dry and green.....	1962-69	24.5	2.0	14.3	37.7	18.9	18.9	18.9	18.9	18.9
Peanut.....	1957-69	19.5	19.5	80.2	11.7	11.7	11.7	11.7	11.7	11.7
Potato.....	1962-69	35.0	35.0	49.6	11.7	11.7	11.7	11.7	11.7	11.7
Raisin.....	1961-69	9.6	9.6	28.2	37.1	1.1	3.3	.4	19.3	1.0
Rice.....	1960-69	14.1	14.1	10.8	24.3	6.6	12.5	20.8	10.9	10.9
Safflower.....	1964-66	52.9	41.3	2.3	2.7	2.7	2.7	2.7	2.7	2.7
Soybean.....	1955-69	49.5	16.6	24.8	3.8	3.1	1.3	.2	.2	.5
Sugarbeet.....	1965-69	1.3	7.5	28.8	21.1	.8	15.2	13.6	8.7	3.0
Sugarcane.....	1967-69	54.9	54.9	3.8	23.0	2.4	3.4	1.6	5.6	6.9
Tobacco.....	1945-69	28.8	18.1	29.3	2.4	1.9	5.4	1.6	8.8	3.7
Tomato.....	1963-69	12.7	16.3	53.0	14.7	1.0	1.0	.7	.9	.7
Tung nut.....	1965-69	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Wheat.....	1939-69	40.2	14.4	5.8	13.8	2.7	8.4	5.8	6.3	2.6
All crops.....	1939-69	34.9	11.6	16.6	14.4	2.7	6.2	7.5	3.8	2.3

Federal Crop Insurance Corporation.

**Table 709.—Hail insurance on growing crops: Amount of insurance, net premiums, and losses paid, United States, 1954-70<sup>1</sup>**

Year	Amount of insurance	Net premiums <sup>2</sup>	Losses paid	Year	Amount of insurance	Net premiums <sup>2</sup>	Losses paid
	Million dollars	1,000 dollars	1,000 dollars		Million dollars	1,000 dollars	1,000 dollars
1954.....	1,897	72,575	54,485	1963.....	2,831	111,223	72,603
1955.....	2,067	77,242	44,701	1964.....	2,903	112,527	72,088
1956.....	2,117	78,095	73,130	1965.....	3,096	116,959	73,899
1957.....	2,410	95,368	57,856	1966.....	3,173	114,955	56,873
1958.....	2,432	103,754	54,605	1967.....	3,488	124,023	88,210
1959.....	2,456	98,787	45,324	1968.....	3,534	126,617	72,053
1960.....	2,495	103,021	59,942	1969.....	3,509	126,314	79,411
1961.....	2,422	96,775	66,789	1970 <sup>3</sup> .....	3,507	123,341	66,484
1962.....	2,658	108,970	81,293				

<sup>1</sup> By mutual and stock insurance companies, and State hail departments.<sup>2</sup> After cash discounts and dividends.<sup>3</sup> Preliminary.Economic Research Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 714.**Table 710.—Farm fire losses: Amount of loss, United States, 1954-70<sup>1</sup>**

Year	Amount	Year	Amount	Year	Amount
	Million dollars		Million dollars		Million dollars
1954.....	144	1960.....	165	1966.....	198
1955.....	148	1961.....	163	1967.....	208
1956.....	145	1962.....	175	1968.....	216
1957.....	152	1963.....	191	1969.....	229
1958.....	156	1964.....	193	1970.....	242
1959.....	174	1965.....	187		

<sup>1</sup> Represents fire and lightning losses on buildings, implements and machinery, livestock, crops, and household goods.Economic Research Service. Data for 1940-53 in *Agricultural Statistics, 1967*, table 717.

Table 711.—Interest rates: Selected series, United States, 1954-70

Year	Federal land banks			Production credit associations, average cost of loans <sup>4</sup>	Federal intermediate credit banks		Banks for cooperatives		Prime commercial paper (4-6 months) <sup>5</sup>	Federal Reserve bank discount rates, New York <sup>6</sup>
	Average rate on new loans <sup>1</sup>	Bond rates <sup>2</sup>	Bond yields <sup>3</sup>		Discount rates <sup>1</sup>	Debtenture rates <sup>1</sup>	Rates on loans <sup>7</sup>	Debtenture rates <sup>8</sup>		
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1954.....	4.17	2.37	1.67	6.36	2.44	1.53	2.75-4.50	1.97	1.58	1.50-2.00
1955.....	4.17	2.46	2.74	5.92	2.04	2.28	2.75-4.50	2.14	2.18	1.50-2.50
1956.....	4.31	2.53	3.32	6.20	3.18	3.46	2.75-4.50	3.08	3.31	2.50-3.00
1957.....	5.17	3.59	3.93	6.66	4.14	4.22	3.25-5.50	4.74	3.81	3.00-3.50
1958.....	5.24	3.45	3.12	6.72	3.83	2.53	3.25-5.50	2.98	2.46	1.75-3.00
1959.....	5.51	3.90	4.34	6.50	4.17	4.39	3.25-4.00	5.28	3.97	2.50-4.00
1960.....	6.00	4.12	4.10	7.25	5.28	4.27	4.25-6.00	3.23	3.85	3.00-4.00
1961.....	5.64	4.08	3.69	6.61	4.08	3.11	4.00-5.50	3.16	2.97	3.00
1962.....	5.60	4.06	3.76	6.36	4.00	3.32	4.00-5.00	3.30	3.26	3.00
1963.....	5.60	4.17	3.84	6.30	4.15	3.53	4.00-5.50	3.87	3.55	3.00-3.50
1964.....	5.60	4.19	4.11	6.47	4.62	4.11	4.25-5.50	4.07	3.97	3.50-4.00
1965.....	5.60	4.51	4.29	6.58	4.87	4.41	4.25-5.75	4.49	4.38	4.00-4.50
1966.....	5.92	4.84	5.21	6.87	5.53	5.62	4.75-6.00	6.12	5.55	4.50
1967.....	6.02	5.02	5.22	7.29	5.98	5.22	5.25-6.00	5.60	5.10	4.00-4.50
1968.....	6.84	5.41	5.77	7.34	6.41	6.05	5.75-6.50	6.03	5.90	4.50-5.50
1969.....	7.82	6.21	7.04	7.79	7.23	7.51	6.25-8.50	8.23	7.83	6.00
1970.....	8.68	6.97	7.40	8.98	8.46	7.72	7.00-9.00	6.99	7.72	5.75-6.00

<sup>1</sup> Contract rates on loans through Federal land bank associations. Beginning 1961, some land banks have charged temporary rates that were lower than the contract rates. In computing the average rates, each Farm Credit district is given equal weight; within districts, rates are weighted by the number of days in force.

<sup>2</sup> Net cost to banks of bonds outstanding at end of each year. Excludes bonds owned by issuing agency.

<sup>3</sup> Average market yields on representative outstanding issues.

<sup>4</sup> Rates represent interest (less patronage refunds), service fees, and cost of record searches and filing and releasing mortgages, etc., paid by borrowers as percentage of average loans outstanding during year.

<sup>5</sup> Annual interest income on loans, discounts, and notes receivable as a percentage of average balance of such items outstanding during the year.

<sup>6</sup> Weighted average net cost to banks of debentures issued each year.

<sup>7</sup> Excludes rates on loans secured by CCC documents.

<sup>8</sup> Weighted average net cost to banks of debentures outstanding at end of each year.

<sup>9</sup> Board of governors of Federal Reserve System. Annual averages of prevailing open-market rates in New York City.

<sup>10</sup> Board of governors of Federal Reserve System. Annual ranges in discount rates on advances secured by Government obligations maturing or callable beyond 1 year and discounts of and advances secured by eligible paper.

Economic Research Service and Farm Credit Administration. Data for 1929-53 in *Agricultural Statistics*, 1967, table 711.

Table 712.—Farm-mortgage debt: Average interest rates for all lenders on loans outstanding, by farming regions,<sup>1</sup> Jan. 1, 1961-70<sup>2</sup>

Year	North-east	Lake States	Corn Belt	North-ern Plains	Appa-lachian	South-east	Delta States	South-ern Plains	Moun-tain	Pacific	United States
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
1961.....	5.2	4.8	4.9	4.8	5.3	5.5	5.3	4.7	5.2	5.6	5.1
1962.....	5.2	4.8	5.0	4.9	5.4	5.7	5.5	5.1	5.1	5.6	5.2
1963.....	5.2	4.9	5.1	5.0	5.5	5.7	5.7	5.2	5.2	5.6	5.3
1964.....	5.3	4.9	5.2	5.1	5.5	5.7	5.8	5.3	5.3	5.5	5.3
1965.....	5.3	5.0	5.2	5.2	5.6	5.8	5.8	5.4	5.3	5.4	5.4
1966.....	5.3	5.0	5.3	5.2	5.6	5.8	5.8	5.4	5.4	5.5	5.4
1967.....	5.4	5.1	5.3	5.3	5.6	5.9	5.8	5.5	5.5	5.5	5.4
1968.....	5.5	5.1	5.5	5.4	5.7	6.0	6.0	5.7	5.6	5.6	5.6
1969.....	5.5	5.2	5.6	5.5	5.8	6.1	6.1	5.8	5.6	5.7	5.7
1970.....	5.7	5.4	5.8	5.7	6.0	6.3	6.3	6.0	5.8	5.8	5.8

<sup>1</sup> For States included in regions, see table 717.

<sup>2</sup> Contract rates. Excludes Alaska and Hawaii.

Economic Research Service. Data for 1949-60 in *Agricultural Statistics*, 1967, table 713.

Table 713.—Farm-mortgage loans: Interest charges payable on total loans outstanding, by farming regions,<sup>1</sup> 1954-69<sup>2</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	34,433	41,580	77,354	28,277	29,219	22,967
1955.....	36,220	44,480	83,749	31,256	31,427	25,002
1956.....	38,073	48,138	92,165	35,537	33,994	27,978
1957.....	39,735	51,586	100,776	39,656	36,614	31,033
1958.....	41,432	54,938	109,332	42,801	39,327	34,032
1959.....	43,501	59,949	121,000	45,555	42,863	37,583
1960.....	45,616	65,275	133,497	49,489	46,792	40,725
1961.....	47,612	70,515	144,488	54,628	51,100	45,351
1962.....	50,134	76,674	157,211	61,490	56,335	52,291
1963.....	53,728	84,281	172,417	69,132	62,457	59,906
1964.....	59,010	93,418	190,487	78,327	69,960	68,605
1965.....	64,292	103,728	213,277	89,606	78,465	76,969
1966.....	69,991	114,615	238,333	100,673	87,128	85,791
1967.....	80,313	125,709	265,571	112,354	96,448	97,831
1968.....	89,267	136,149	293,470	124,062	105,328	110,489
1969.....	97,902	145,352	316,132	135,312	114,450	122,156

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	17,926	35,279	33,132	51,043	371,230
1955.....	19,569	38,376	36,548	55,583	402,210
1956.....	21,651	42,085	40,779	62,056	442,456
1957.....	23,859	45,441	44,896	68,419	482,087
1958.....	26,208	48,613	48,128	76,126	520,687
1959.....	28,728	52,401	52,278	87,954	571,712
1960.....	31,004	55,585	57,917	101,360	627,260
1961.....	34,736	60,357	63,933	112,072	684,832
1962.....	39,685	68,716	70,482	124,789	757,807
1963.....	45,109	79,084	79,231	140,004	845,269
1964.....	52,086	92,148	90,676	156,130	951,047
1965.....	60,166	105,896	105,961	179,175	1,075,465
1966.....	69,121	117,674	117,675	202,742	1,203,743
1967.....	79,334	129,679	130,489	223,540	1,341,298
1968.....	90,400	142,045	141,085	243,110	1,475,405
1969.....	101,541	154,620	150,125	259,745	1,597,355

<sup>1</sup> For States included in regions, see table 717.<sup>2</sup> Estimated as payable during calendar year. Excludes Alaska and Hawaii.Economic Research Service. Data for 1949-53 in *Agricultural Statistics, 1967*, table 712.

## FOOTNOTES FOR TABLE 713

<sup>1</sup> Includes mortgages in process of foreclosure.<sup>2</sup> Includes United States legal reserve companies only. Includes regular mortgages and purchase-money mortgages.<sup>3</sup> Includes direct farm-ownership loans, direct soil and water loans to individuals, and rural-housing loans to farmers. Also includes direct farm-ownership loans made from State Corporation trust funds.<sup>4</sup> Includes loans held by all operating commercial, savings, and private banks, individuals, and miscellaneous lenders. State estimates are approximations and should be used only as general indicators of the amount of mortgage debt held by this group. See table 722 for State data held by all operating banks (classified by location of bank rather than by location of security).<sup>5</sup> Includes District of Columbia.

Economic Research Service.

Table 714.—Farm mortgages: Loans made or recorded, grouped by principal lenders, United States, 1954-70<sup>1</sup>

Year	Federal land banks <sup>2</sup>	Mortgages recorded <sup>3</sup>				Total	
		Individuals	Banks and trust companies	Insurance companies	Miscellaneous <sup>4</sup>	Amount	Number of loans and mortgages
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Number
1954.....	301,979	474,937	500,080	390,322	218,181	1,885,499	315,940
1955.....	482,703	565,946	582,001	506,999	264,214	2,401,863	337,030
1956.....	520,860	552,438	527,949	487,953	298,427	2,387,627	308,458
1957.....	403,635	597,523	502,726	387,504	362,589	2,253,977	293,382
1958.....	472,497	605,025	534,913	390,310	409,867	2,432,612	289,414
1959.....	626,342	666,252	605,380	450,119	466,185	2,814,278	297,854
1960.....	520,213	612,481	541,022	413,337	452,682	2,569,735	266,339
1961.....	644,326	647,467	623,318	512,157	576,433	3,003,731	282,846
1962.....	654,805	691,324	732,934	562,411	830,213	3,471,687	298,621
1963.....	759,233	740,568	880,351	762,356	927,846	4,070,354	298,721
1964.....	1,014,384	767,793	994,628	916,776	989,269	4,682,850	300,757
1965.....	1,237,876	811,594	1,036,524	964,080	1,108,046	5,158,120	304,787
1966.....	1,344,610	934,882	1,055,992	909,341	1,195,341	5,440,166	277,907
1967.....	1,266,533	800,318	1,036,109	695,625	1,216,460	5,075,045	251,716
1968.....	1,123,302	912,876	1,134,051	633,488	1,243,364	5,047,281	242,688
1969.....	1,212,786	1,062,395	1,069,867	391,577	1,495,313	5,264,638	226,763
1970.....	1,088,371	1,094,196	1,063,728	200,279	1,638,920	5,085,494	211,614

<sup>1</sup> Excludes Alaska, Hawaii, Puerto Rico, and U.S. possessions.<sup>2</sup> Loans on regular mortgages only for 1958 and earlier years. Beginning June 30, 1959, includes purchase-money mortgages and sales contracts. Includes loans by the Land Bank Commissioner made on behalf of the Federal Farm Mortgage Corporation. Authority to make Land Bank Commissioner loans expired July 1, 1947, except for the limited purpose of refinancing loans previously made by the Land Bank Commissioner. Liquidation of Commissioner loans was completed June 30, 1955. For 1955 and earlier years, the data in this table on Federal land bank loans "made" differ from the data in table 724 only because Puerto Rico is excluded. Prior to 1956, the data on Federal land bank loans made in both this table and table 724 included the outstanding loan balance as well as new money advanced in a part of the cases where existing borrowers obtained additional loans. Beginning in 1956, however, an effort was made to include the outstanding balance in loans made for a larger number of existing borrowers obtaining additional loans. By 1958, the data in this table include all outstanding loan balances in cases where borrowers obtained additional financing.<sup>3</sup> Estimates based on reports from counties including a substantial sample of farms in the United States. Includes purchase-money mortgages and sales contracts to the extent they were recorded.<sup>4</sup> Includes farm-mortgage loans made by the Farmers Home Administration, and by miscellaneous lenders.Farm Credit Administration. Prepared in cooperation with the 12 Federal land banks. Data for 1929-53 in *Agricultural Statistics, 1967*, table 719.Table 715.—Farm mortgages: Loans made or recorded, grouped by principal lenders, by geographic divisions, 1970<sup>1</sup>

Geographic division	Federal land banks <sup>2</sup>	Mortgages recorded <sup>3</sup>				Total	
		Individuals	Banks	Insurance companies	Miscellaneous <sup>4</sup>	Amount	Number of loans and mortgages
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Number
New England.....	14,675	8,587	8,740	-----	19,462	51,464	1,622
Middle Atlantic.....	41,750	74,562	71,064	2,122	37,995	227,493	7,588
East North Central.....	154,121	78,665	228,281	20,432	269,958	751,457	32,223
West North Central.....	230,591	242,574	176,756	50,404	218,142	918,467	39,181
South Atlantic.....	181,140	181,272	155,803	8,226	352,577	879,718	45,839
East South Central.....	86,851	64,567	122,634	9,824	244,877	535,753	35,744
West South Central.....	139,685	228,969	168,775	45,232	238,453	824,184	30,739
Mountain.....	104,388	89,272	56,459	31,480	159,105	440,704	9,017
Pacific.....	135,170	125,708	45,516	28,539	98,321	433,254	9,661
United States <sup>1</sup> .....	1,088,371	1,094,196	1,063,728	200,279	1,638,920	5,085,494	211,614

<sup>1</sup> Excludes Alaska, Hawaii, Puerto Rico, and U.S. possessions.<sup>2</sup> Loans on regular mortgages including purchase-money mortgages and sales contracts. Includes outstanding balances where borrowers obtained additional loans.<sup>3</sup> Includes purchase-money mortgages and sales contracts to the extent they were recorded.<sup>4</sup> Includes Farmers Home Administration, and miscellaneous lenders.

Farm Credit Administration. Prepared in cooperation with the 12 Federal land banks.



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Table 716.—Farm-mortgage loans: Amount held by selected lender groups, by States, Jan. 1, 1969 and 1970

State and region	Federal land banks <sup>1</sup>		Life insurance companies <sup>2</sup>		Farmers Home Administration <sup>3</sup>		All others <sup>4</sup>	
	1969	1970	1969	1970	1969	1970	1969	1970
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	5,956	7,124	400	300	6,282	5,761	30,663	31,886
New Hampshire.....	3,135	3,096	1,300	1,400	528	465	19,262	17,926
Vermont.....	16,140	17,591	700	500	1,197	1,082	41,330	41,474
Massachusetts.....	13,243	13,289	200	200	522	462	39,947	42,189
Rhode Island.....	2,632	2,594	0	0	55	44	2,348	2,122
Connecticut.....	18,801	18,803	1,100	1,400	201	175	29,298	27,994
New York.....	103,179	111,361	10,000	9,300	5,886	5,192	504,947	605,128
New Jersey.....	28,817	32,427	6,700	6,100	1,784	1,624	54,202	58,176
Pennsylvania.....	61,063	68,374	15,300	14,700	5,877	5,279	366,451	384,819
Delaware.....	8,699	12,762	1,200	1,100	284	283	22,873	24,511
Maryland <sup>5</sup> .....	49,942	57,228	7,300	6,700	1,479	1,350	164,775	173,314
Northeast.....	311,607	344,649	44,200	41,700	24,095	21,717	1,276,096	1,411,239
Michigan.....	189,853	204,981	43,200	38,200	7,007	6,328	497,194	498,252
Wisconsin.....	130,801	141,001	56,900	50,100	14,990	13,820	640,711	684,173
Minnesota.....	262,374	274,725	221,100	214,800	14,626	13,765	617,758	645,332
Lake States.....	583,028	620,707	321,200	303,100	36,623	33,913	1,755,063	1,827,757
Ohio.....	200,125	212,156	125,000	110,300	6,329	5,608	510,814	526,794
Indiana.....	255,655	276,512	193,600	187,100	6,731	6,171	532,174	557,449
Illinois.....	311,430	340,387	345,400	336,500	8,440	7,944	600,937	620,788
Iowa.....	354,363	402,041	490,400	479,800	16,370	15,024	522,944	549,705
Missouri.....	173,653	184,272	227,500	222,700	24,294	24,102	576,243	590,242
Corn Belt.....	1,295,226	1,415,368	1,381,900	1,336,400	62,164	58,449	2,742,662	2,844,978
North Dakota.....	139,305	146,665	26,900	26,100	16,116	14,863	310,215	326,858
South Dakota.....	132,823	158,824	88,100	86,400	15,132	14,297	161,193	173,471
Nebraska.....	209,906	223,664	243,100	244,700	11,507	10,792	217,381	230,778
Kansas.....	225,809	250,350	240,200	242,500	9,948	9,289	287,295	310,064
Northern Plains.....	727,933	779,503	598,300	599,700	52,703	49,241	978,084	1,047,171
Virginia.....	91,004	107,183	39,200	36,200	7,251	6,747	203,079	213,128
West Virginia.....	11,757	12,091	2,400	2,200	4,450	4,105	58,291	62,717
North Carolina.....	132,119	175,011	60,700	59,400	22,200	20,265	283,399	298,625
Kentucky.....	123,510	134,664	79,500	75,800	13,042	11,906	252,235	267,730
Tennessee.....	125,055	139,252	36,400	33,900	20,860	18,951	294,693	307,353
Appalachian.....	503,445	568,201	218,200	207,500	67,803	61,974	1,091,697	1,149,553
South Carolina.....	82,688	101,021	27,300	26,300	14,016	12,797	99,690	109,535
Georgia.....	185,609	218,649	60,700	64,000	19,157	17,107	251,711	278,130
Florida.....	114,310	137,552	214,900	202,800	10,661	9,169	481,161	487,598
Alabama.....	114,298	126,857	47,100	47,500	26,961	24,820	153,680	162,657
Southeast.....	496,905	584,079	350,000	340,600	70,795	63,893	986,242	1,037,920
Mississippi.....	116,974	138,516	189,900	203,000	27,590	25,353	180,671	195,917
Arkansas.....	101,518	107,791	258,500	266,300	14,079	12,647	203,843	216,531
Louisiana.....	113,243	138,410	133,200	139,100	9,864	8,970	216,213	238,741
Delta States.....	331,735	384,717	581,600	608,400	51,542	46,970	600,727	651,189
Oklahoma.....	112,026	126,226	176,500	174,300	15,289	14,006	301,605	322,922
Texas.....	476,365	501,720	608,900	610,600	27,825	25,902	830,983	893,239
Southern Plains.....	588,391	627,946	785,400	784,900	43,114	39,908	1,132,588	1,216,161
Montana.....	158,373	175,759	109,400	110,300	7,169	6,468	229,832	244,622
Idaho.....	154,213	162,357	128,600	128,800	15,909	15,217	190,547	195,800
Wyoming.....	50,722	54,133	61,600	60,000	4,381	4,104	93,331	96,150
Colorado.....	148,055	161,061	148,800	153,200	7,959	7,137	289,315	304,226
New Mexico.....	55,343	58,437	83,600	83,400	2,962	2,703	131,487	135,660
Arizona.....	36,598	36,413	103,900	104,500	1,625	1,689	127,714	126,530
Utah.....	33,080	33,277	15,800	15,400	8,442	7,794	94,315	91,175
Nevada.....	13,428	14,084	35,400	34,300	1,313	1,362	36,357	35,292
Mountain.....	649,821	695,521	687,100	689,900	40,760	46,474	1,192,898	1,229,515
Washington.....	101,686	114,636	129,000	142,400	17,845	16,576	413,912	443,025
Oregon.....	95,092	101,564	100,000	92,200	6,404	5,853	363,809	357,587
California.....	385,790	423,384	564,300	584,900	7,416	7,044	2,263,463	2,326,643
Pacific.....	582,528	639,584	793,300	819,500	31,665	29,473	3,041,184	3,127,255
Alaska.....	915	935	0	0	1,053	992	708	779
Hawaii.....	9,695	10,012	2,300	2,200	2,205	1,934	4,509	3,314
United States.....	6,081,229	6,671,222	5,763,500	5,733,900	493,522	455,338	14,801,058	15,546,831

See footnotes on page 508.

Table 717.—Farm-mortgage loans: Total amount outstanding, by States, Jan. 1, 1955, 1960, 1965, 1969, and 1970

State and region	1955	1960	1965	1969	1970
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	27,198	38,499	42,973	43,301	45,071
New Hampshire.....	19,080	20,477	20,985	24,225	22,887
Vermont.....	42,147	44,581	52,993	59,367	60,647
Massachusetts.....	44,869	44,565	39,612	53,912	56,140
Rhode Island.....	5,837	5,163	4,599	5,035	4,780
Connecticut.....	34,217	39,231	40,047	49,400	48,372
New York.....	224,442	256,797	379,304	624,012	730,981
New Jersey.....	75,742	75,792	76,397	91,503	98,327
Pennsylvania.....	179,057	240,947	343,472	448,591	472,872
Delaware.....	13,676	19,042	26,677	33,056	38,656
Maryland.....	75,676	90,540	144,594	223,496	240,592
Northeast.....	741,941	875,634	1,171,653	1,655,998	1,819,305
Michigan.....	214,937	324,387	512,797	737,254	747,761
Wisconsin.....	360,217	425,361	607,988	843,402	889,094
Minnesota.....	410,503	604,006	851,563	1,115,858	1,148,622
Lake States.....	985,657	1,353,754	1,972,348	2,696,514	2,785,477
Ohio.....	310,701	443,485	610,809	842,268	854,858
Indiana.....	282,810	445,901	658,317	988,160	1,027,232
Illinois.....	333,836	552,239	851,746	1,266,207	1,305,619
Iowa.....	606,929	820,108	1,050,087	1,383,627	1,446,570
Missouri.....	263,416	411,149	657,735	1,001,690	1,021,316
Corn Belt.....	1,797,692	2,672,882	3,828,754	5,481,952	5,655,595
North Dakota.....	97,105	153,549	340,266	492,536	514,486
South Dakota.....	125,417	189,982	315,847	417,248	432,992
Nebraska.....	230,069	343,164	486,265	681,984	709,934
Kansas.....	220,688	327,412	487,557	763,252	818,203
Northern Plains.....	673,279	1,014,107	1,629,935	2,355,020	2,475,615
Virginia.....	126,853	162,861	239,868	340,534	363,258
West Virginia.....	28,365	42,780	61,094	76,898	81,113
North Carolina.....	170,750	247,612	371,456	518,418	553,301
Kentucky.....	145,270	207,358	326,967	468,287	490,100
Tennessee.....	126,885	194,449	330,691	477,008	499,456
Appalachian.....	598,123	855,060	1,330,106	1,881,145	1,987,228
South Carolina.....	67,219	100,521	152,638	223,694	249,653
Georgia.....	132,881	195,307	314,024	517,177	572,886
Florida.....	124,896	257,071	558,008	821,032	837,119
Alabama.....	114,471	162,057	246,239	342,039	361,834
Southeast.....	459,467	714,956	1,270,909	1,903,942	2,026,492
Mississippi.....	149,581	221,845	337,740	515,144	562,786
Arkansas.....	137,515	205,705	374,232	577,940	603,269
Louisiana.....	94,663	142,452	232,029	472,520	525,221
Delta States.....	381,759	570,002	964,001	1,565,604	1,691,276
Oklahoma.....	185,285	242,273	415,806	605,420	637,454
Texas.....	616,810	890,009	1,432,659	1,944,073	2,031,461
Southern Plains.....	802,095	1,132,282	1,848,465	2,549,493	2,668,915
Montana.....	119,181	179,919	323,806	504,774	537,149
Idaho.....	149,071	222,187	356,196	486,269	502,234
Wyoming.....	62,185	96,596	159,962	210,034	214,387
Colorado.....	172,648	229,929	391,072	594,129	625,624
New Mexico.....	83,640	118,532	192,220	273,392	280,200
Arizona.....	61,760	118,640	196,418	269,837	269,132
Utah.....	65,429	97,694	128,660	151,646	147,646
Nevada.....	19,253	29,357	66,980	86,496	85,038
Mountain.....	733,167	1,092,854	1,814,332	2,579,579	2,661,410
Washington.....	184,357	287,028	468,696	662,443	716,637
Oregon.....	189,699	258,528	419,369	565,305	557,204
California.....	698,042	1,245,893	2,160,583	3,220,929	3,341,971
Pacific.....	1,072,098	1,792,049	3,048,648	4,448,677	4,615,812
Alaska.....		991	2,535	2,676	2,706
Hawaii.....		7,838	11,554	18,709	17,460
United States.....	8,245,278	12,082,409	18,894,240	27,139,309	28,407,291

<sup>1</sup> Includes District of Columbia.  
Economic Research Service.

Table 718.—Agricultural loans not secured by farm real estate: Amounts outstanding Jan. 1 and loans made during the year, by specified lenders, United States, 1954-71<sup>1</sup>

Year	Banks and associations supervised by Farm Credit Administration				Farmers Home Administration				Rural Electrification Administration *				Commodity Credit Corporation *	
	All operating banks :	Federal intermediate credit banks			To individuals			Loans to associations *	Loans to cooperatives		Loans to others		Loans to farmers held by CCC	Loans to cooperatives held by CCC
		Production credit associations :	Loans to, and dis- counts for, other financing institutions :	Loans to, and dis- counts for, other financing institutions :	Banks for coopera- tives :	Operating and emer- gency crop and feed loans *	Emer- gency loans		Economic oppor- tunity loans *	Electric "	Tele- phone "			
1954	4,489,965	1,000 dollars	63,357	1,000 dollars	370,042	324,846	50,792	1,000 dollars	1,943,137	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1955	4,095,703	578,907	38,276	500	370,042	324,846	50,792	1,000 dollars	2,000,144	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1956	4,101,929	578,907	38,276	2,000	370,042	324,846	50,792	1,000 dollars	2,000,144	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1957	4,101,929	578,907	38,276	2,000	370,042	324,846	50,792	1,000 dollars	2,000,144	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1958	4,045,846	585,918	67,192	3,000	447,278	356,487	79,203	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1959	4,910,040	1,114,694	83,722	0	500,719	345,554	60,071	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1960	5,013,551	1,361,198	88,776	0	613,639	349,551	47,017	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1961	5,670,538	1,440,219	88,776	0	639,890	379,504	38,927	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1962	6,242,966	1,440,219	88,776	0	657,901	448,732	45,961	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1963	7,091,224	1,538,977	106,784	0	725,703	501,352	45,961	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1964	7,462,553	2,107,540	128,510	0	830,769	539,390	52,001	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1965	7,462,553	2,107,540	128,510	0	842,029	566,144	55,971	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1966	8,300,868	2,778,929	138,520	0	1,042,029	627,056	64,135	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1967	8,533,459	3,015,639	158,940	0	1,277,067	624,807	70,578	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1968	9,238,558	3,317,902	170,002	0	1,496,376	659,496	76,558	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1969	9,700,053	3,525,821	180,181	0	1,567,893	666,355	89,919	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1970	10,317,661	4,494,821	217,838	0	1,724,263	657,533	69,919	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1971	11,089,596	5,294,844	220,066	0	2,023,296	674,561	71,580	1,000 dollars	2,337,665	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars

Outstanding Jan. 1

Made during year

[illegible]

<sup>1</sup> 48 States only. Real estate mortgages or deeds of trust are taken as supplemental security for some of these loans.

<sup>3</sup> Includes loans to individuals guaranteed by the Commodity Credit Corporation and certificates of interest in pool of growers' notes, prior to 1966. After Jan. 1, 1966, data exclude CCC guaranteed loans and pooled certificates of interest of growers.

<sup>4</sup> Excludes loans guaranteed by CCC, and loans held by associations in liquidation.

- Excludes loans guaranteed by CCC, and loans made by associations in liquidation.
- Excludes loans secured by CCC documents.
- For separate data on operating loans and emergency crop and feed loans. 1948-85.

<sup>7</sup> Economic community loans are made to farm and nonfarm rural residents.

Economic opportunity loans are made to farm and nonfarm rural residents. Through June 30, 1968, approximately 56 percent of the economic opportunity loans the 48 States were made to farmers.

<sup>3</sup> Includes only direct loans to soil and water associations, rural rental housing, watershed protection, flood prevention, rural renewal, and resource conservation and development organisations, economic opportunity cooperatives, defense relocation corporations, and rural rehabilitation or resettlement project cooperative associations.

\* Loans "outstanding" are cumulative net advances minus principal repayments; loans "made" are net advances to borrowers.

<sup>10</sup> Approximately 3% of the individuals served by these cooperatives are farmers.  
<sup>11</sup> Principally loans to public bodies and to power companies.

<sup>18</sup> Excludes direct loans made and held by CCC. Excludes pooled loans against

which certificates of interest were issued and also loans guaranteed by CCC held by other lending agencies.

Economic Research Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table

Economic Research Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 723.

Table 719.—Farm-mortgage debt: Total outstanding by farming regions,<sup>1</sup> Jan. 1, 1961–70<sup>2</sup>

Year	Northeast	Lake States	Corn Belt	Northern Plains	Appalachian	Southeast
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1961.....	904,486	1,423,016	2,836,334	1,075,540	912,847	780,738
1962.....	941,730	1,527,437	3,011,645	1,181,202	997,969	861,297
1963.....	989,583	1,639,005	3,226,486	1,300,149	1,079,710	977,215
1964.....	1,057,424	1,794,348	3,489,896	1,426,250	1,193,653	1,111,677
1965.....	1,171,653	1,972,348	3,828,754	1,629,935	1,330,106	1,270,909
1966.....	1,240,835	2,175,333	4,275,889	1,827,400	1,488,560	1,392,547
1967.....	1,359,169	2,374,988	4,702,179	2,017,513	1,622,751	1,554,598
1968.....	1,586,595	2,557,597	5,128,892	2,203,077	1,774,208	1,740,803
1969.....	1,655,998	2,696,514	5,481,952	2,355,026	1,881,145	1,903,942
1970.....	1,819,305	2,785,477	5,655,595	2,475,615	1,987,228	2,026,492

  

Year	Delta States	Southern Plains	Mountain	Pacific	United States
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1961.....	606,611	1,192,837	1,170,043	1,929,758	12,812,210
1962.....	674,286	1,267,621	1,300,257	2,127,411	13,890,875
1963.....	739,468	1,400,344	1,415,914	2,391,869	15,159,843
1964.....	836,816	1,595,785	1,590,858	2,685,743	16,792,450
1965.....	964,001	1,846,465	1,815,332	3,048,648	18,880,151
1966.....	1,109,584	2,070,714	2,047,624	3,540,127	21,168,703
1967.....	1,270,612	2,232,030	2,282,497	3,867,315	23,283,052
1968.....	1,413,106	2,401,116	2,455,100	4,204,644	25,465,138
1969.....	1,565,604	2,549,493	2,579,579	4,448,677	27,117,924
1970.....	1,691,276	2,668,915	2,661,410	4,615,812	28,387,125

<sup>1</sup> For States included in regions, see table 717. <sup>2</sup> Excludes Alaska and Hawaii.Economic Research Service. Data for 1939–60 in *Agricultural Statistics, 1967*, table 722.Table 720.—Farm-mortgage debt: Amount of outstanding loans reported by principal lenders, other debt, and total debt, United States, Jan. 1, 1954–70<sup>1</sup>

Year	Federal land banks <sup>2</sup>	Federal Farm Mortgage Corporation <sup>2,3</sup>	Farmers Home Administration <sup>4</sup>	Life insurance companies <sup>5</sup>	Commercial and savings banks <sup>6</sup>	Other farm-mortgage debt <sup>7</sup>	Total farm-mortgage debt
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1954.....	1,169,418	17,628	282,098	1,892,773	1,131,214	3,246,800	7,739,931
1955.....	1,266,953	12,834	287,171	2,051,784	1,210,676	3,415,860	8,245,278
1956.....	1,480,204	.....	377,869	2,271,784	1,346,287	3,635,872	9,012,016
1957.....	1,722,381	.....	289,546	2,476,543	1,380,270	3,946,785	9,821,525
1958.....	1,897,187	.....	339,865	2,578,958	1,414,207	4,182,258	10,382,475
1959.....	2,065,372	.....	388,010	2,661,229	1,511,889	4,464,920	11,091,390
1960 <sup>8</sup> .....	2,335,124	.....	439,269	2,819,542	1,631,271	4,857,203	12,082,409
1961.....	2,539,044	.....	483,985	2,974,609	1,691,239	5,131,427	12,820,304
1962.....	2,803,103	.....	569,093	3,161,757	1,789,103	5,576,049	13,896,105
1963.....	3,024,013	.....	588,802	3,391,183	2,056,944	6,106,879	15,167,821
1964.....	3,281,797	.....	605,307	3,780,537	2,360,320	6,775,544	16,803,505
1965.....	3,686,755	.....	619,492	4,287,671	2,668,535	7,631,787	18,894,240
1966.....	4,240,227	.....	631,147	4,801,677	2,939,046	8,574,789	21,166,886
1967.....	4,914,522	.....	585,426	5,213,587	3,169,469	9,418,231	23,301,235
1968.....	5,563,204	.....	536,221	5,539,600	3,541,927	10,305,420	25,496,372
1969.....	6,081,229	.....	493,522	5,763,500	3,896,514	10,944,544	27,139,309
1970.....	6,671,222	.....	455,338	5,733,900	4,113,251	11,433,580	28,407,291

<sup>1</sup> Excludes Alaska and Hawaii, except as indicated in footnote 8. <sup>2</sup> Includes regular mortgages, purchase-money mortgages, and sales contracts. <sup>3</sup> Loans were made by the Land Bank Commissioner. Lending authority expired July 1, 1947. On June 30, 1955, loans of the FPMC were sold to the Federal land banks.<sup>4</sup> Includes farm-purchase, farm-enlargement, farm-development, project-liquidation, and direct soil and water loans to individuals, and loans for these purposes from State Corporation trust funds. Includes rural-housing loans to farmers. Beginning October 1961, rural-housing loans were made on nonfarm tracts; these loans are included in the amount outstanding reported for Jan. 1, 1962, but excluded for 1963 to date. <sup>5</sup> Compiled from reports of life insurance companies, "Best's Life Insurance Reports," "Spectator Life Insurance Yearbook," and data from Life Insurance Association of America and Institute of Life Insurance. Includes legal reserve companies only. Includes regular mortgages, purchase-money mortgages, and sales contracts; beginning 1965, excludes sales contracts. <sup>6</sup> Includes all operating commercial, savings, and private banks.<sup>7</sup> Amounts are residuals or differences between amounts reported by institutional lenders and estimates of total farm-mortgage debt. They roughly measure the farm-mortgage debt held by individuals and other non-reporting lenders. <sup>8</sup> Beginning 1960, data for reporting lending institutions in Alaska and Hawaii are included. No estimates of total farm-mortgage debt for these States are available.Economic Research Service. Data for 1929–53 in *Agricultural Statistics, 1967*, table 718.



Table 721.—Non-real-estate loans to farmers: Amounts held by banks and by all principal lending institutions, United States, Jan. 1, 1954-71<sup>1</sup>

Year	Banks <sup>2</sup>	Principal lending institutions <sup>3</sup>		Year	Banks <sup>2</sup>	Principal lending institutions <sup>3</sup>	
		Excluding loans held and guaranteed by CCC	Including loans held and guaranteed by CCC <sup>4</sup>			Excluding loans held and guaranteed by CCC	Including loans held and guaranteed by CCC <sup>4</sup>
	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars
1954.....	2,762,562	3,743,543	6,144,425	1963.....	5,979,484	8,484,321	10,539,343
1955.....	2,933,851	3,966,328	6,219,694	1964.....	6,652,171	9,477,123	11,403,113
1956.....	3,308,443	4,420,483	6,302,730	1965.....	6,990,021	10,036,151	11,579,434
1957.....	3,279,911	4,469,888	6,044,818	1966.....	7,676,853	11,112,322	12,530,901
1958.....	3,605,183	4,963,983	6,219,690	1967.....	8,533,489	12,443,516	.....
1959.....	4,160,660	5,764,701	8,232,901	1968.....	9,258,558	13,748,092	.....
1960 <sup>5</sup> .....	4,819,340	6,667,699	7,854,740	1969.....	9,709,033	14,584,410	.....
1961.....	4,991,473	6,979,236	8,297,980	1970.....	10,329,766	15,827,534	.....
1962.....	5,318,852	7,550,936	9,313,339	1971.....	11,101,768	17,411,561	.....

<sup>1</sup> Real estate mortgages or deeds of trust are taken as supplemental security for some of these loans.

<sup>2</sup> All operating banks. Excludes loans guaranteed by Commodity Credit Corporation.

<sup>3</sup> All operating banks, production credit associations, other financing institutions discounting with the Federal intermediate credit banks, Farmers Home Administration, and CCC.

<sup>4</sup> Includes loans held and guaranteed by CCC to individual farmers only. Also includes CCC non-real-estate loans for storage facilities and equipment. Not available after 1960.

<sup>5</sup> Beginning 1960, includes Alaska and Hawaii; 48 States prior to 1960.

Economic Research Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 725.

Table 722.—All operating banks: Amount of agricultural loans outstanding, by types, and by States, specified dates, 1969-71<sup>1</sup>

State and region	Farm real estate loans <sup>2</sup>					Personal and collateral loans				
	1969		1970		1971	1969		1970		1971
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	7,473	7,862	7,747	7,361	6,663	15,543	11,646	13,478	9,969	13,562
New Hampshire.....	6,781	6,199	6,106	5,906	5,947	5,856	5,444	5,583	5,099	5,126
Vermont.....	22,160	21,733	21,891	21,432	21,218	17,287	17,589	15,823	16,276	16,508
Massachusetts.....	10,454	12,144	11,477	9,458	9,030	10,594	9,525	9,168	7,697	8,153
Rhode Island.....	739	609	601	573	524	328	356	319	259	266
Connecticut.....	7,536	9,524	6,685	7,210	5,309	6,544	5,781	4,794	4,263	4,994
New York.....	194,625	262,320	241,610	181,806	383,356	161,603	164,472	156,183	166,771	163,997
New Jersey.....	19,113	23,924	20,470	18,988	20,959	17,094	15,532	16,109	16,049	23,903
Pennsylvania.....	157,295	165,443	164,091	161,833	167,516	160,599	163,020	166,125	163,104	173,996
Delaware.....	15,212	16,842	15,552	16,793	16,511	8,015	4,559	3,880	4,621	4,904
Maryland.....	65,208	67,349	68,796	68,257	65,857	36,500	34,939	34,625	37,336	38,509
Dist. of Columbia.....	2,512	4,285	2,040	1,748	1,873	66	72	34	567	.....
Northeast.....	509,077	598,264	567,065	501,425	704,763	439,027	432,935	426,121	432,011	453,978
Michigan.....	134,931	151,560	130,826	124,943	120,810	182,841	185,898	175,961	181,988	183,245
Wisconsin.....	186,928	197,962	205,506	213,708	222,227	239,491	255,506	261,235	283,816	295,667
Minnesota.....	119,950	127,603	132,907	147,241	140,556	461,038	510,549	505,199	572,134	553,865
Lake States.....	441,809	477,155	469,539	485,992	483,593	883,390	952,013	942,295	1,037,938	1,032,777
Ohio.....	200,546	209,859	211,888	216,758	219,214	183,003	190,018	186,072	197,406	191,559
Indiana.....	177,948	185,958	180,217	192,870	201,038	269,605	287,000	274,266	299,930	303,793
Illinois.....	252,506	265,919	261,512	261,896	289,466	676,506	692,616	688,936	724,572	738,986
Iowa.....	125,186	133,535	134,323	137,093	139,682	927,154	927,078	1,011,674	1,054,067	1,097,379
Missouri.....	218,703	249,536	225,697	225,002	235,887	367,226	400,804	392,457	435,343	426,705
Corn Belt.....	974,889	1,044,807	1,022,637	1,033,619	1,085,287	2,423,584	2,497,516	2,553,405	2,711,348	2,758,422

See footnotes at end of table.



Table 722.—All operating banks: Amount of agricultural loans outstanding, by types, and by States, specified dates, 1969-71—Continued

State and region	Farm real estate loans <sup>1</sup>					Personal and collateral loans				
	1969		1970		1971	1969		1970		1971
	Jan. 1	July 1	Jan. 1	July 1	Jan. 1	Jan. 1	July 1	Jan. 1	July 1	Jan. 1
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
North Dakota.....	63,678	65,666	69,334	72,933	78,545	186,602	215,246	204,117	231,651	226,513
South Dakota.....	22,428	24,357	29,470	29,018	32,101	283,327	303,412	313,629	353,659	367,894
Nebraska.....	33,202	38,564	39,051	40,566	44,845	646,105	653,893	702,748	736,062	785,025
Kansas.....	86,501	94,844	100,814	101,277	107,261	593,106	617,593	646,815	667,378	698,381
Northern Plains.....	205,809	223,451	238,669	243,762	262,752	1,712,140	1,790,144	1,867,909	1,968,750	2,077,813
Virginia.....	81,621	85,201	83,565	83,568	90,474	83,782	101,789	94,282	108,486	102,427
West Virginia.....	28,901	30,899	31,716	32,961	33,176	16,614	17,054	17,489	19,367	19,683
North Carolina.....	73,786	79,433	74,908	77,539	69,231	92,194	130,107	95,420	128,497	102,818
Kentucky.....	184,770	164,891	165,725	170,172	172,549	151,739	163,354	159,113	179,038	177,650
Tennessee.....	136,618	146,204	141,839	144,652	143,374	125,677	142,871	121,268	136,396	124,403
Appalachian.....	475,696	506,628	497,753	508,892	508,804	470,006	555,175	487,542	571,783	526,981
South Carolina.....	25,812	27,095	27,084	28,170	30,859	30,960	42,670	32,510	44,853	33,061
Georgia.....	146,483	160,237	160,550	169,192	176,896	95,837	118,176	108,660	128,346	116,060
Florida.....	78,068	80,856	76,607	76,552	86,857	99,955	92,741	100,107	94,267	106,593
Alabama.....	78,833	84,086	83,478	85,637	89,750	77,247	90,998	79,175	93,963	83,820
Southeast.....	329,196	352,274	347,719	359,551	384,362	304,019	344,585	320,452	361,429	339,534
Mississippi.....	113,741	121,700	122,797	134,468	139,287	104,595	119,921	102,344	125,829	114,048
Arkansas.....	113,773	121,776	122,614	128,407	133,789	123,081	172,781	126,420	170,482	133,716
Louisiana.....	65,011	69,055	70,675	73,477	79,734	66,757	83,223	74,701	80,442	74,389
Delta States.....	292,525	312,531	315,986	336,352	352,810	297,433	375,925	303,465	376,753	322,153
Oklahoma.....	84,580	91,348	94,414	96,196	97,386	295,293	308,510	315,151	323,227	373,131
Texas.....	163,983	179,534	196,257	193,498	193,943	722,237	841,284	806,823	861,658	817,476
Southern Plains.....	248,563	271,182	290,671	289,694	291,229	1,017,530	1,149,794	1,121,974	1,184,885	1,190,607
Montana.....	14,262	15,867	15,226	15,117	15,986	184,097	215,616	198,306	229,295	226,766
Idaho.....	6,318	6,536	6,749	6,318	5,755	145,499	162,255	149,477	169,640	168,280
Wyoming.....	8,216	8,726	9,271	9,078	9,400	87,064	101,078	88,360	109,995	110,898
Colorado.....	22,496	22,189	23,263	21,866	23,789	294,363	304,960	306,907	324,679	333,735
New Mexico.....	7,566	9,993	8,653	10,337	10,605	72,260	83,477	80,785	88,970	84,761
Arizona.....	9,768	9,413	8,892	9,417	7,079	193,074	210,649	225,252	229,261	220,786
Utah.....	11,243	11,354	10,294	11,710	10,288	53,069	58,042	59,081	60,895	61,750
Nevada.....	2,930	2,783	2,429	2,063	2,594	10,533	12,937	11,582	14,106	10,115
Mountain.....	82,799	86,861	84,777	86,568	85,496	1,040,019	1,149,033	1,121,749	1,226,842	1,217,111
Washington.....	33,064	32,979	31,020	31,055	31,605	177,860	210,860	175,917	217,135	187,679
Oregon.....	26,000	25,192	24,619	21,638	20,920	129,628	144,653	130,962	139,299	127,393
California.....	231,870	244,531	218,703	237,330	229,145	823,397	938,754	866,370	942,405	855,148
Pacific.....	290,984	303,002	274,342	290,023	281,670	1,121,885	1,294,267	1,173,249	1,298,749	1,170,220
Alaska.....	708	757	779	814	904	926	985	998	1,193	1,241
Hawaii.....	4,509	4,229	3,314	3,230	3,099	9,779	11,262	11,107	10,420	10,931
United States.....	3,856,514	4,181,131	4,113,251	4,139,852	4,444,769	9,719,738	10,553,634	10,329,766	11,202,101	11,101,768
Possessions <sup>2</sup> .....	17,979	23,742	19,089	15,385	25,205	14,518	12,196	10,029	26,444	13,341

<sup>1</sup> Includes loans of national and State commercial, mutual savings, stock savings, and private banks. Loans are classified according to location of bank and, therefore, are not strictly comparable with data for other lenders which are classified according to location of farm.

<sup>2</sup> Includes bank holdings of farm-ownership loans and soil and water loans insured by the Farmers Home Administration.

<sup>3</sup> Mariana Islands, Puerto Rico, Samoa (American), and Virgin Islands.

Economic Research Service. Data from Federal Deposit Insurance Corporation.

Table 723.—Farm loans: Number and amount guaranteed or insured by the Veterans Administration, United States, 1954-70

Year	Loans			Amount of loans	Amount of guaranty or insurance		
	Real estate	Non-real estate	Total		Real estate	Non-real estate	Total
	Number	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	457	967	1,424	6,464	1,380	450	1,830
1955.....	718	1,148	1,866	9,804	2,332	622	2,954
1956.....	401	911	1,312	6,626	1,290	400	1,690
1957.....	196	628	824	3,750	568	184	742
1958.....	202	51	253	1,595	300	48	348
1959.....	114	65	179	1,170	290	55	345
1960.....	57	38	95	547	162	20	182
1961.....	44	15	59	395	166	8	174
1962.....	41	14	55	446	206	16	222
1963.....	17	1	18	177	95	1	96
1964.....	21	2	23	287	126	8	134
1965.....	27	0	27	371	164	0	164
1966.....	27	0	27	295	130	0	130
1967.....	15	1	16	262	104	2	106
1968.....	13	2	15	197	96	2	100
1969.....	18	0	18	208	112	0	112
1970.....	20	0	20	357	180	0	180

Economic Research Service. Data from the Veterans Administration. Data for 1944-53 in *Agricultural Statistics, 1967*, table 728.

Table 724.—Farm Credit System: Loans and discounts made, United States, 1954-70<sup>1</sup>

Year	Federal land banks	Federal intermediate credit banks' loans to, and discounts for—		Banks for cooperatives	Production credit associations <sup>2</sup>	Net total <sup>4</sup>
		Production credit associations and banks for cooperatives	Other financing institutions <sup>3</sup>			
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	366,276	1,667,972	160,998	482,722	1,273,234	2,222,830
1955.....	487,489	1,792,398	172,111	527,636	1,386,341	2,373,577
1956.....	522,357	1,968,028	167,046	608,646	1,488,180	2,796,229
1957.....	398,993	2,218,423	175,220	541,332	1,731,030	2,846,575
1958.....	429,424	2,768,046	219,791	558,681	2,204,942	3,412,838
1959.....	572,064	3,094,372	226,397	697,741	2,515,362	4,011,564
1960.....	503,888	3,136,068	228,858	684,442	2,607,399	4,024,587
1961.....	632,517	3,458,043	236,203	790,525	2,869,054	4,537,299
1962.....	644,706	3,858,874	265,849	923,496	3,217,415	5,030,965
1963.....	742,860	4,294,143	282,186	1,019,194	3,550,795	5,595,035
1964.....	996,081	4,685,712	275,706	1,165,513	3,705,156	6,144,546
1965.....	1,235,154	4,980,481	295,518	1,316,229	4,135,519	6,962,420
1966.....	1,337,250	5,865,245	351,080	1,654,344	4,813,178	8,166,252
1967.....	1,267,566	6,669,312	386,584	1,743,449	5,427,751	8,825,370
1968.....	1,101,322	( <sup>5</sup> )	409,768	1,802,226	6,052,907	9,365,223
1969.....	1,165,895	( <sup>5</sup> )	540,538	1,942,213	7,077,351	10,689,992
1970.....	1,016,820	( <sup>5</sup> )	621,431	2,476,077	8,276,660	12,390,968

<sup>1</sup> Includes Puerto Rico. Loans have been made in Alaska and Hawaii by the Federal land banks.

<sup>2</sup> Includes Federal intermediate credit bank direct loans to cooperative associations; such loans were not made after Dec. 31, 1956.

<sup>3</sup> Includes renewals.

<sup>4</sup> Net total excludes interagency loans.

<sup>5</sup> Not available.

Farm Credit Administration. Data for 1929-53 in *Agricultural Statistics, 1967*, table 729.

## 518 TAXES, INSURANCE, CREDIT, AND COOPERATIVES, 1971

Table 725.—Federal land banks: Number and amount of land bank loans made through Federal land bank associations in 1970 and outstanding Jan. 1, 1971, and number of associations Jan. 1, 1971, by States

State and division <sup>1</sup>	Federal land bank associations, Jan. 1, 1971	Federal land bank loans			
		Loans made during 1970		Loans outstanding Jan. 1, 1971	
		Number	1,000 dollars	Number	1,000 dollars
Maine.....	2	35	2,464	470	8,825
New Hampshire.....	28	28	1,072	251	3,657
Vermont.....	2	120	4,642	1,139	19,689
Massachusetts.....	40	40	2,734	820	14,213
Rhode Island.....	11	11	364	140	2,623
Connecticut.....	1	64	3,396	826	20,510
New England.....	5	298	14,674	3,646	69,417
New York.....	13	526	20,886	6,973	119,923
New Jersey.....	3	87	6,801	1,239	35,873
Pennsylvania.....	10	344	14,063	4,364	74,950
Middle Atlantic.....	26	957	41,750	12,576	230,746
Ohio.....	21	867	19,444	11,425	215,252
Indiana.....	26	1,117	25,452	16,668	283,879
Illinois.....	26	943	29,075	16,983	350,459
Michigan.....	14	1,486	39,128	15,366	215,732
Wisconsin.....	15	1,207	36,453	11,383	155,038
East North Central.....	102	5,620	149,582	71,725	1,220,360
Minnesota.....	22	1,405	35,465	21,040	285,101
Iowa.....	26	1,511	41,698	22,813	425,659
Missouri.....	26	946	21,881	13,870	192,953
North Dakota.....	9	863	25,974	9,435	154,101
South Dakota.....	17	706	16,178	13,168	165,627
Nebraska.....	22	983	24,772	14,890	234,617
Kansas.....	23	1,363	27,351	18,160	263,839
West North Central.....	141	7,872	193,319	113,376	1,721,897
Delaware.....	1	36	1,032	495	12,793
Maryland.....	5	164	12,693	1,840	64,131
Virginia.....	11	417	17,931	4,777	117,070
West Virginia.....	3	49	1,352	1,072	12,199
North Carolina.....	15	1,726	35,634	15,828	190,522
South Carolina.....	9	842	22,008	7,000	111,054
Georgia.....	15	1,951	54,113	15,314	244,030
Florida.....	7	501	36,325	4,157	161,001
South Atlantic.....	66	5,686	181,088	50,483	912,900
Kentucky.....	14	718	17,854	7,368	141,953
Tennessee.....	16	941	16,842	9,798	145,944
Alabama.....	13	750	13,850	11,452	129,150
Mississippi.....	12	690	24,652	9,005	154,320
East South Central.....	55	3,099	73,198	37,653	571,367
Arkansas.....	11	533	12,688	6,027	113,994
Louisiana.....	11	747	24,333	6,766	154,935
Oklahoma.....	13	851	20,516	8,923	137,590
Texas.....	68	1,971	66,611	35,968	531,134
West South Central.....	103	4,102	124,148	57,684	937,653
Montana.....	13	491	23,819	6,237	188,413
Idaho.....	13	654	26,968	9,090	175,504
Wyoming.....	3	98	3,940	2,124	54,870
Colorado.....	13	638	21,246	7,183	172,580
New Mexico.....	7	152	8,075	2,018	62,164
Arizona.....	1	74	4,030	985	36,633
Utah.....	5	135	4,294	2,202	33,685
Nevada.....	1	21	1,251	385	13,900
Mountain.....	56	2,263	93,623	30,224	737,729

See footnotes at end of table.

Table 725.—Federal land banks: Number and amount of land bank loans made through Federal land bank associations in 1970 and outstanding Jan. 1, 1971, and number of associations Jan. 1, 1971 by States—Continued

State and division <sup>1</sup>	Federal land bank associations, Jan. 1, 1971	Federal land bank loans			
		Loans made during 1970		Loans outstanding Jan. 1, 1971	
		Number	1,000 dollars	Number	1,000 dollars
Washington.....	10	961	27,810	6,367	132,672
Oregon.....	13	457	39,951	5,901	133,624
California.....	27	999	67,408	12,741	455,700
Pacific.....	50	2,117	135,169	24,109	721,996
Alaska.....		1	15	49	842
Hawaii.....		10	6,606	46	16,167
United States.....	604	32,025	1,013,172	401,571	7,140,074
Puerto Rico.....	1	182	3,648	2,648	46,166
Total.....	605	32,207	1,016,820	404,219	7,187,140

<sup>1</sup> New Hampshire is served by associations in Vermont and Connecticut; Massachusetts and Rhode Island, by the association in Connecticut; and Alaska and Hawaii by associations in Washington and California, respectively.

Farm Credit Administration.

Table 726.—Farm Credit System: Loans and discounts outstanding, United States, Jan. 1, 1954-71<sup>1</sup>

Year	Federal land banks	Federal intermediate credit banks' loans to and discounts for—		Banks for cooperatives	Production credit associations	Net total <sup>2</sup>
		Production credit associations and banks for cooperatives	Other financing institutions <sup>3</sup>			
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	1,179,589	545,181	69,673	372,110	550,416	2,172,088
1955.....	1,280,944	602,092	62,794	361,615	587,225	2,292,578
1956.....	1,497,165	621,828	70,785	370,683	653,478	2,592,111
1957.....	1,744,032	683,519	63,382	457,103	706,586	2,971,123
1958.....	1,919,281	861,158	70,688	454,451	894,877	3,339,297
1959.....	2,088,791	1,068,462	88,045	509,828	1,125,574	3,812,238
1960.....	2,359,841	1,295,359	95,285	622,433	1,371,908	4,449,467
1961.....	2,563,772	1,406,415	91,951	648,859	1,490,138	4,794,720
1962.....	2,827,973	1,549,177	100,532	696,650	1,651,034	5,276,789
1963.....	3,051,973	1,728,721	111,209	734,894	1,855,132	5,753,208
1964.....	3,309,883	1,969,549	129,292	840,122	2,123,403	6,402,700
1965.....	3,718,170	2,115,077	131,751	937,826	2,296,248	7,105,996
1966.....	4,280,675	2,369,702	146,091	1,055,163	2,596,460	8,080,399
1967.....	4,957,836	2,761,231	162,473	1,269,819	3,042,333	9,452,461
1968.....	5,606,265	3,229,366	181,781	1,506,383	3,550,971	10,848,400
1969.....	6,126,369	3,471,207	183,100	1,576,960	3,861,179	11,747,608
1970.....	6,714,172	4,050,225	224,425	1,731,971	4,533,205	13,203,773
1971.....	7,187,140	4,751,687	222,090	2,029,864	5,334,496	14,773,569

<sup>1</sup> Includes Puerto Rico. Loans have been made in Alaska and Hawaii by the Federal land banks.

<sup>2</sup> Includes Federal intermediate credit bank direct loans to cooperatives; such loans were not held after 1957.

<sup>3</sup> Excludes interagency loans.

Farm Credit Administration. Data for 1929-53 in *Agricultural Statistics, 1967*, table 731.

Table 727.—Production credit associations: Number of associations, and number of members having outstanding loans, Jan. 1, 1971, loans made during 1970, and loans outstanding on specified dates 1970 and 1971, by States<sup>1</sup>

State and division	Production credit associations Jan. 1, 1971	Members having outstanding loans Jan. 1, 1971	Loans made during 1970 <sup>2</sup>	Loans outstanding		
				1970		1971
				Jan. 1	July 1	Jan. 1
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	2	700	17,621	16,329	13,693	16,995
New Hampshire <sup>3</sup> .....	2	236	4,390	2,786	3,154	3,610
Vermont.....	2	1,159	19,946	18,706	19,088	20,218
Massachusetts <sup>4</sup> .....		755	11,175	10,009	10,236	11,069
Rhode Island <sup>5</sup> .....		171	1,633	1,461	2,083	1,833
Connecticut.....	1	823	18,063	13,163	14,256	18,837
New England.....	5	3,847	73,161	62,454	62,485	73,462
New York.....	13	8,635	134,733	129,331	136,631	145,098
New Jersey.....	3	914	22,003	17,333	19,673	20,489
Pennsylvania.....	10	6,307	85,134	65,616	68,730	73,669
Middle Atlantic.....	26	15,856	241,870	212,280	225,024	239,286
Ohio.....	11	17,535	218,619	160,585	172,183	177,901
Indiana.....	10	14,011	253,941	149,528	169,578	176,064
Illinois.....	17	10,331	281,690	158,324	175,454	187,856
Michigan.....	8	7,890	129,745	90,901	96,313	104,296
Wisconsin.....	17	18,465	327,800	218,585	249,788	284,326
East North Central.....	63	68,232	1,211,695	777,923	866,316	930,443
Minnesota.....	18	12,535	358,784	197,076	230,123	230,689
Iowa.....	16	8,316	495,095	188,601	224,893	235,267
Missouri.....	13	12,695	280,766	134,930	168,510	164,108
North Dakota.....	5	7,108	187,958	100,499	118,474	116,810
South Dakota.....	9	4,115	195,021	85,662	96,943	106,901
Nebraska.....	14	6,391	405,174	189,179	193,433	204,599
Kansas.....	14	3,863	311,063	127,522	134,818	137,106
West North Central.....	89	55,023	2,173,881	1,003,469	1,167,094	1,206,570
Delaware.....	1	734	11,223	8,536	9,902	9,623
Maryland.....	6	2,140	44,727	37,054	38,102	39,642
Virginia.....	11	5,124	57,704	49,963	55,727	54,379
West Virginia.....	3	1,352	8,559	7,846	8,354	8,215
North Carolina.....	19	20,064	154,342	143,685	186,383	175,501
South Carolina.....	11	6,541	84,457	75,053	94,456	88,013
Georgia.....	21	11,038	195,214	152,697	191,192	185,381
Florida.....	9	4,097	141,545	151,053	188,425	172,788
South Atlantic.....	81	51,090	697,771	625,907	742,541	733,540
Kentucky.....	9	18,670	187,055	141,458	161,630	168,220
Tennessee.....	9	19,170	191,353	146,565	166,043	166,919
Alabama.....	8	4,470	80,282	82,937	64,331	59,979
Mississippi.....	10	4,755	152,956	79,626	116,687	84,013
East South Central.....	36	47,065	611,646	420,586	508,691	479,131
Arkansas.....	14	9,008	286,223	119,829	191,925	139,204
Louisiana.....	8	4,433	110,685	63,334	99,246	64,283
Oklahoma.....	14	4,731	310,625	133,191	142,257	152,400
Texas.....	34	13,426	826,879	301,076	377,569	337,653
West South Central.....	70	31,598	1,534,412	617,430	810,997	693,540
Montana.....	11	3,614	195,830	94,243	118,769	118,477
Idaho.....	5	3,525	175,375	53,380	101,581	96,317
Wyoming.....	1	439	66,029	30,646	38,940	42,512
Colorado.....	3	3,033	369,404	156,078	188,470	197,995
New Mexico.....	5	1,115	98,686	54,219	61,016	56,578
Arizona.....	2	390	40,685	15,734	18,686	18,395
Utah.....	2	961	59,127	24,262	25,900	31,051
Nevada.....	1	74	6,083	3,249	2,912	3,219
Mountain.....	35	13,182	1,001,239	462,411	556,574	567,544

See footnotes at end of table.

Table 727.—Production credit associations: Number of associations, and number of members having outstanding loans, Jan. 1, 1971, loans made during 1970, and loans outstanding on specified dates 1970 and 1971, by States <sup>1</sup>—Continued

State and division	Production credit associations Jan. 1, 1971	Members having outstanding loans Jan. 1, 1971	Loans made during 1970 <sup>2</sup>	Loans outstanding		
				1970		1971
				Jan. 1	July 1	Jan. 1
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Washington.....	6	2,284	81,849	37,989	50,423	46,974
Oregon.....	8	3,438	208,221	103,624	124,165	117,750
California.....	22	5,720	413,847	170,748	206,990	206,634
Pacific.....	36	11,442	703,917	312,361	381,578	371,358
United States.....	441	297,305	8,249,592	4,494,821	5,321,300	5,294,844
Puerto Rico.....	1	868	27,068	38,384	37,447	39,652
Total.....	442	298,173	8,276,660	4,533,205	5,358,747	5,334,496

<sup>1</sup> No loans have been made in Alaska and Hawaii. <sup>2</sup> Includes renewals. <sup>3</sup> New Hampshire, Massachusetts, and Rhode Island are served by the Production Credit Association in Connecticut.

Farm Credit Administration.

Table 728.—Federal intermediate credit banks: Loans and discounts outstanding, Jan. 1, 1954-71 and made 1954-70, by type of borrower, United States <sup>1</sup>

Year	Loans outstanding Jan. 1			
	Production credit associations	Banks for cooperatives	Other financing institutions <sup>2</sup>	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	820,522	24,659	69,673	914,854
1955.....	574,892	27,200	62,794	664,886
1956.....	618,628	3,200	70,785	692,613
1957.....	669,569	13,950	63,381	746,900
1958.....	858,158	3,000	70,088	931,846
1959.....	1,068,462	.....	88,045	1,156,507
1960.....	1,295,359	.....	95,285	1,390,644
1961.....	1,409,418	.....	91,951	1,501,366
1962.....	1,549,177	.....	100,532	1,649,709
1963.....	1,728,722	.....	111,209	1,839,931
1964.....	1,969,549	.....	129,292	2,098,841
1965.....	2,115,077	.....	131,751	2,246,828
1966.....	2,369,702	.....	146,091	2,515,793
1967.....	2,761,231	.....	162,472	2,923,703
1968.....	3,229,366	.....	181,781	3,411,147
1969.....	3,471,207	.....	183,100	3,654,307
1970.....	4,050,225	.....	224,425	4,274,650
1971.....	4,751,687	.....	222,099	4,973,786

  

Year	Made during year			
	Production credit associations	Banks for cooperatives	Other financing institutions <sup>2</sup>	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	1,594,621	73,350	160,096	1,828,069
1955.....	1,740,465	51,904	172,111	1,964,480
1956.....	1,933,029	33,000	167,046	2,133,075
1957.....	2,213,223	5,200	175,220	2,393,643
1958.....	2,768,047	.....	219,791	2,987,838
1959.....	3,093,972	409	226,397	3,320,769
1960.....	3,136,068	.....	228,858	3,364,926
1961.....	3,458,043	.....	236,203	3,694,246
1962.....	3,856,874	.....	265,349	4,124,223
1963.....	4,284,143	.....	282,186	4,566,329
1964.....	4,468,712	.....	275,796	4,744,508
1965.....	4,980,451	.....	295,518	5,275,969
1966.....	5,865,245	.....	351,080	6,216,325
1967.....	6,669,312	.....	386,584	7,055,896
1968.....	( <sup>3</sup> )	.....	409,768	499,768
1969.....	( <sup>3</sup> )	.....	504,533	504,533
1970.....	( <sup>3</sup> )	.....	621,431	621,431

See footnotes on page 522.



Table 729.—Farmers Home Administration: Real estate loans to individuals and loans outstanding, United States and Territories, 1954-71<sup>1</sup>

Year	Farm ownership loans <sup>1</sup>						Soil and water loans					
	Direct			Insured			Direct			Insured		
	New bor- rowers	Loans made	Out- stand- ing Jan. 1	New bor- rowers	Loans made	Out- stand- ing Jan. 1	New bor- rowers	Loans made	Out- stand- ing Jan. 1	New bor- rowers	Loans made	Out- stand- ing Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1954	1,516	19,350	194,007	1,577	17,707	58,535	963	4,560	14,038	295	1,211	-----
1955	1,118	15,554	198,919	3,324	37,239	66,330	183	453	16,169	3,313	17,350	1,211
1956	1,954	27,854	198,677	2,661	34,266	97,226	589	2,156	13,768	1,349	7,350	16,313
1957	2,889	43,322	208,660	1,726	22,475	128,117	794	4,690	13,267	301	1,852	20,777
1958	1,589	26,961	238,773	2,425	35,705	146,402	375	1,756	15,378	197	1,033	19,820
1959	1,435	27,676	248,873	1,648	25,702	170,144	615	2,958	14,206	143	779	16,833
1960	1,758	33,054	258,498	1,236	18,175	186,209	238	1,335	14,207	211	872	13,642
1961	1,869	33,495	275,146	3,864	60,840	192,691	204	1,029	12,866	321	1,849	11,543
1962	1,071	15,666	293,291	12,247	204,333	227,276	363	1,426	11,615	404	2,737	10,236
1963	2,102	32,622	291,746	9,131	164,359	407,494	403	1,081	10,971	506	3,641	10,726
1964	2,188	39,735	302,326	9,410	176,869	547,194	387	1,100	9,735	429	3,146	11,792
1965	2,666	48,123	318,287	9,531	188,836	685,133	349	1,388	8,733	289	1,841	12,513
1966	344	5,687	340,171	10,247	232,412	809,836	589	1,908	8,216	339	1,813	12,038
1967	275	5,064	318,041	9,486	236,526	1,000,043	400	1,122	8,420	561	3,216	11,815
1968	257	5,149	296,027	8,784	220,715	1,171,290	512	2,310	8,139	520	2,928	12,492
1969	177	4,874	275,676	9,407	271,781	1,319,043	290	1,513	8,811	688	3,599	14,202
1970	170	5,280	287,741	7,553	236,433	1,515,372	134	428	9,405	680	3,448	15,766
1971	-----	-----	241,927	-----	236,433	1,680,990	-----	-----	8,670	-----	-----	17,475

Year	Rural housing loans						Farm labor housing loans (insured)			Rural rental housing loans (insured)		
	Direct			Insured								
	New bor- rowers	Loans made	Out- stand- ing Jan. 1	New bor- rowers	Loans made	Out- stand- ing Jan. 1	New bor- rowers	Loans made	Out- stand- ing Jan. 1	New bor- rowers	Loans made	Out- stand- ing Jan. 1
	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars	Number	1,000 dollars	1,000 dollars
1954	576	3,478	78,913	-----	-----	-----	-----	-----	-----	-----	-----	-----
1955	-----	-----	77,177	-----	-----	-----	-----	-----	-----	-----	-----	-----
1956	1,656	11,042	70,640	-----	-----	-----	-----	-----	-----	-----	-----	-----
1957	3,697	25,801	72,979	-----	-----	-----	-----	-----	-----	-----	-----	-----
1958	6,902	51,616	91,442	-----	-----	-----	-----	-----	-----	-----	-----	-----
1959	6,242	51,055	131,195	-----	-----	-----	-----	-----	-----	-----	-----	-----
1960	5,219	43,227	170,555	-----	-----	-----	-----	-----	-----	-----	-----	-----
1961	10,141	87,987	200,256	-----	-----	-----	1	2	-----	-----	-----	-----
1962	18,220	176,883	269,549	-----	-----	-----	3	24	-----	-----	-----	-----
1963	12,941	123,416	419,754	-----	-----	-----	3	12	12	5	184	-----
1964	13,963	127,568	517,890	-----	-----	-----	6	22	37	14	667	158
1965	14,697	114,775	610,273	3,578	34,357	-----	9	52	57	26	697	721
1966	6,107	17,751	688,219	32,736	316,452	12,870	11	78	96	44	1,154	1,326
1967	5,815	10,711	665,239	47,230	476,006	312,054	18	271	166	117	3,788	2,462
1968	4,465	7,741	628,059	48,708	488,333	773,319	21	207	392	236	8,932	5,217
1969	4,752	3,458	590,489	49,793	545,661	1,219,295	10	148	589	271	13,089	13,310
1970	5,122	11,380	553,274	84,664	1,049,374	1,682,107	13	151	707	289	17,635	24,000
1971	-----	-----	226,822	-----	1,049,374	2,870,294	-----	-----	827	-----	-----	41,492

<sup>1</sup> Amounts of loans made represent obligations and include loans to new borrowers and subsequent loans to borrowers who received an initial loan in a prior year. Amounts outstanding are loan advances less principal repayments. <sup>2</sup> Includes loans for farm purchase, enlargement, development, and refinancing purposes. <sup>3</sup> Includes 10 Recreation loans for \$419,180 in 1968, 77 for \$2,229,060 in 1969, and 30 for \$896,640 in 1970. <sup>4</sup> Includes Recreation loans outstanding for \$100,095 as of Jan. 1, 1969, \$2,466,267 as of Jan. 1, 1970, and \$3,477,641 as of Jan. 1, 1971.

Farmers Home Administration. Data for 1944-53 in *Agricultural Statistics, 1967*, table 735.

## FOOTNOTES FOR TABLE 729

<sup>1</sup> Includes Puerto Rico. No loans have been made in Alaska and Hawaii. <sup>2</sup> Represents mainly loans to, and discounts for, agricultural credit corporations; also includes direct loans to cooperative associations which were no longer made after 1956 and were not outstanding after 1957. <sup>3</sup> Not available.

Farm Credit Administration. Data for 1929-53 in *Agricultural Statistics, 1967*, table 733.

**Table 730.—Farmers Home Administration: Non-real-estate loans to individuals and loans to associations, 1954-70, and loans outstanding on Jan. 1, 1954-71, United States and Territories**

Year	Loans to individuals						Loans to associations		
	Operating		Emergency and special livestock		Emergency crop and feed loans outstanding Jan. 1 <sup>4</sup>	Economic opportunity		Amount <sup>5</sup>	Balance outstanding Jan. 1 <sup>6</sup>
	Amount <sup>1</sup>	Balance outstanding Jan. 1 <sup>2</sup>	Amount <sup>3</sup>	Balance outstanding Jan. 1 <sup>4</sup>		Amount	Balance outstanding Jan. 1		
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	143,108	308,093	88,573	50,811	19,976	-----	1,423	8,579	-----
1955.....	123,056	334,159	83,227	70,587	16,359	-----	1,859	9,703	-----
1956.....	165,874	323,580	88,322	72,773	13,527	-----	1,371	11,143	-----
1957.....	175,847	341,828	63,595	82,333	11,105	-----	1,758	9,863	-----
1958.....	181,315	352,652	60,646	79,922	8,331	-----	1,737	11,245	-----
1959.....	196,699	344,005	34,049	60,679	5,874	-----	1,617	11,789	-----
1960.....	216,172	349,361	22,722	47,626	4,031	-----	3,098	12,759	-----
1961.....	270,771	380,239	35,337	39,421	2,980	-----	5,213	15,201	-----
1962.....	272,736	451,105	61,594	46,417	2,384	-----	10,324	19,754	-----
1963.....	273,855	504,617	62,504	53,394	2,135	-----	20,512	28,730	-----
1964.....	296,068	542,987	53,514	52,873	1,832	-----	48,803	47,982	-----
1965.....	312,364	589,902	77,563	56,230	1,579	29,766	95,423	95,099	-----
1966.....	283,671	630,691	104,801	64,364	1,410	24,231	27,861	140,985	187,285
1967.....	302,517	627,954	96,586	70,566	1,116	22,428	46,022	198,038	323,507
1968.....	283,783	662,680	116,394	76,734	754	15,525	66,589	209,815	515,382
1969.....	265,546	669,407	94,252	90,305	490	5,311	70,194	202,013	716,631
1970.....	314,374	660,368	98,791	70,229	323	3,791	61,987	168,291	906,384
1971.....	-----	677,175	-----	71,762	185	-----	52,647	-----	1,059,177

<sup>1</sup> Includes production and subsistence and loans from Corporation trust funds. <sup>2</sup> Includes production and subsistence, rural rehabilitation, construction, and wartime adjustment loans, and loans from Corporation trust funds. <sup>3</sup> Includes production, economic, and special emergency loans; fur, orchard, flood damage and flood and windstorm restoration loans; and Regional Agricultural Credit Corporation loans made by Farm Credit Administration. <sup>4</sup> Includes direct and insured loans to soil and water associations and rural rental housing organizations; direct and insured rural housing site loans to organizations; direct loans to watershed, flood prevention, rural renewal, and resource conservation and development organizations, and economic opportunity cooperatives; and insured loans to farm labor housing organizations. <sup>5</sup> In addition to the types of loans reported in the preceding column, includes direct loans to defense relocation corporations and rural rehabilitation or resettlement project cooperative associations.

Farmers Home Administration. Data for 1944-53 in *Agricultural Statistics, 1967*, table 737.

**Table 731.—Farmers Home Administration: Non-real-estate loans to individuals in 1970 and loans outstanding Jan. 1, 1971, by States and Territories**

State and division	Operating loans		Emergency loans		Economic opportunity loans	
	Amount of loans 1970 <sup>1</sup>	Outstanding Jan. 1, 1971 <sup>2</sup>	Amount of loans 1970	Outstanding Jan. 1, 1971 <sup>3</sup>	Amount of loans 1970	Outstanding Jan. 1, 1971
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	6,893	23,600	3,229	7,532	89	1,360
New Hampshire.....	486	1,533	23	56	5	84
Vermont.....	2,772	8,539	5	27	20	145
Massachusetts.....	664	1,551	15	81	0	51
Rhode Island.....	75	187	0	23	0	9
Connecticut.....	544	1,592	56	180	1	26
New England.....	11,334	37,002	3,328	7,899	115	1,673
New York.....	7,809	26,560	49	969	14	1,364
New Jersey.....	1,267	4,132	842	1,207	0	385
Pennsylvania.....	3,403	12,846	429	467	39	7,179
Middle Atlantic.....	12,479	43,538	1,320	2,643	53	2,908
Ohio.....	2,946	8,404	1,106	772	30	266
Indiana.....	6,233	13,861	410	667	8	621
Illinois.....	9,643	24,064	2,225	1,066	14	1,022
Michigan.....	5,980	15,730	183	441	34	446
Wisconsin.....	8,658	30,478	66	94	15	991
East North Central.....	33,460	92,537	3,900	3,030	101	3,346

See footnotes at end of table.

**Table 731.—Farmers Home Administration: Non-real-estate loans to individuals in 1970 and loans outstanding Jan. 1, 1971, by States and Territories—Continued**

State and division	Operating loans		Emergency loans		Economic opportunity loans	
	Amount of loans 1970 <sup>1</sup>	Outstanding Jan. 1, 1971 <sup>2</sup>	Amount of loans 1970	Outstanding Jan. 1, 1971 <sup>3</sup>	Amount of loans 1970	Outstanding Jan. 1, 1971
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Minnesota.....	9,778	24,517	1,495	1,229	15	1,080
Iowa.....	12,670	36,728	537	700	6	610
Missouri.....	9,422	21,817	5,582	3,400	111	1,055
North Dakota.....	12,135	29,038	693	796	97	1,112
South Dakota.....	11,064	36,987	370	662	45	831
Nebraska.....	8,713	19,879	1,371	1,098	42	1,054
Kansas.....	5,497	13,398	2,508	1,502	25	296
West North Central.....	69,279	182,364	12,556	9,357	341	6,038
Delaware.....	375	735	5	28	0	27
Maryland.....	1,185	2,955	4	51	20	249
Virginia.....	3,443	6,027	361	452	33	802
West Virginia.....	2,280	7,307	42	143	358	2,780
North Carolina.....	16,154	15,463	2,889	1,156	299	2,076
South Carolina.....	4,813	5,892	2,843	1,193	100	1,224
Georgia.....	13,840	15,821	6,492	2,046	122	1,982
Florida.....	3,422	5,797	1,345	2,998	30	1,404
South Atlantic.....	45,512	59,997	13,971	8,047	962	10,544
Kentucky.....	4,834	12,055	9	78	431	3,534
Tennessee.....	4,946	10,119	940	429	170	1,470
Alabama.....	7,461	9,638	3,891	1,131	162	1,208
Mississippi.....	9,045	17,518	11,902	4,818	286	3,932
East South Central.....	26,286	49,330	16,742	6,456	1,049	10,144
Arkansas.....	9,966	12,804	6,396	1,432	241	1,793
Louisiana.....	9,895	12,966	9,536	2,719	153	1,486
Oklahoma.....	10,312	20,391	1,891	1,849	87	858
Texas.....	31,932	52,328	18,970	16,911	133	2,740
West South Central.....	62,105	98,489	36,793	22,911	614	6,877
Montana.....	7,056	16,260	90	327	12	266
Idaho.....	10,933	24,561	2,509	2,130	26	336
Wyoming.....	4,461	8,149	132	290	18	382
Colorado.....	5,658	10,922	3,893	2,353	14	343
New Mexico.....	3,330	5,830	84	477	121	1,222
Arizona.....	1,821	2,982	198	546	116	762
Utah.....	3,467	10,460	45	356	36	554
Nevada.....	938	2,144	4	68	8	197
Mountain.....	37,664	81,308	6,955	6,547	351	4,081
Washington.....	7,894	15,489	1,601	2,255	5	173
Oregon.....	3,286	6,712	275	747	33	236
California.....	3,572	7,785	1,233	1,686	6	996
Pacific.....	14,752	29,996	3,109	4,690	44	1,407
Alaska.....	55	430	20	72	8	491
Hawaii.....	200	666	0	7	7	112
United States.....	313,126	676,657	98,784	71,659	3,645	47,603
Puerto Rico.....	1,248	1,703	7	103	146	5,044
Virgin Islands.....	0	0	0	0	0	0
Total.....	314,374	677,360	98,791	71,762	3,791	52,647

<sup>1</sup> Includes loans from Corporation trust funds.<sup>2</sup> Includes production and subsistence, rural rehabilitation, construction, and wartime adjustment loans, loans from Corporation trust funds, and emergency crop and feed loans.<sup>3</sup> In addition to current emergency loans, includes production, economic and special emergency, special livestock, fur, flood damage, flood and windstorm restoration loans, and Regional Agricultural Credit Corporation loans made by the Farm Credit Administration.

Farmers Home Administration.

Table 732.—Loans to farmers' cooperative organizations: Outstanding amounts held by the banks for cooperatives, classified by type of loan, United States, Jan. 1, 1954-71<sup>1</sup>

Year	Commodity loans	Operating capital loans	Facility loans	Year	Commodity loans	Operating capital loans	Facility loans
	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars
1954	52,189	182,687	137,264	1963	80,814	361,774	292,306
1955	59,199	168,592	153,824	1964	122,929	392,523	324,670
1956	44,838	181,980	143,865	1965	147,222	455,111	355,492
1957	59,591	242,747	154,765	1966	133,330	522,790	399,043
1958	38,276	240,744	175,431	1967		<sup>2</sup> 588,646	<sup>3</sup> 701,173
1959	42,059	258,678	209,092	1968		<sup>2</sup> 706,218	<sup>3</sup> 800,165
1960	70,204	300,324	251,905	1969		<sup>2</sup> 694,681	<sup>3</sup> 882,279
1961	69,093	320,955	238,811	1970		<sup>2</sup> 781,947	<sup>3</sup> 950,024
1962	72,701	351,853	272,096	1971		1,010,717	1,019,147

<sup>1</sup> Includes Puerto Rico. No loans have been made in Alaska and Hawaii. <sup>2</sup> Seasonal loans. <sup>3</sup> Term loans. After June 30, 1966, loans are classified as "seasonal" and "term." Total amount of loans outstanding is the same as it would have been under the old classification.

Farm Credit Administration. Data for 1934-53 in *Agricultural Statistics, 1967*, table 734.

Table 733.—Farmers' cooperatives: Number of marketing, farm-supply, and related-service cooperatives and business volume, United States, 1968-69<sup>1</sup> (preliminary)

Item	Cooperatives handling	Gross business (includes intercooperative business)	Net business (excludes intercooperative business) <sup>2</sup>
	Number	1,000 dollars	1,000 dollars
Products marketed:			
Beans and peas (dry edible)	52	53,204	32,644
Cotton and cotton products	561	601,083	531,738
Dairy products	1,046	5,679,540	4,641,715
Fruits and vegetables	505	2,077,497	1,696,901
Grain, soybeans, and soybean meal and oil	2,556	4,162,258	2,062,352
Livestock and livestock products	421	1,960,473	1,851,762
Nuts	76	235,524	232,901
Poultry products	321	635,867	531,586
Rice	54	427,782	333,509
Sugar products	65	594,254	593,183
Tobacco	28	261,416	261,416
Wool and mohair	101	21,149	21,149
Miscellaneous <sup>3</sup>	147	58,810	54,188
Total farm products	<sup>4</sup> 5,400	16,768,827	13,445,134
Supplies purchased:			
Building materials	2,200	199,657	143,167
Containers	1,061	102,517	37,128
Farm machinery and equipment	1,568	166,174	108,204
Feed	4,215	1,642,061	1,159,112
Fertilizer	4,318	1,181,631	654,717
Meats and groceries	741	105,886	80,193
Petroleum products	2,750	1,233,252	801,299
Seed	3,993	193,947	135,693
Sprays and dusts (farm chemicals)	3,640	243,481	144,690
Other supplies <sup>4</sup>	4,875	539,768	336,153
Total farm supplies	<sup>4</sup> 6,273	5,628,396	3,600,326
Receipts for services:			
Trucking, cotton ginning, storage, grinding, locker plants, miscellaneous	<sup>4</sup> 5,345	<sup>4</sup> 350,761	<sup>4</sup> 350,761
Total business	<sup>4</sup> 7,747	22,747,984	17,396,221

<sup>1</sup> Includes Alaska and Hawaii. <sup>2</sup> Represents value at the first level at which cooperatives transact business for farmers. <sup>3</sup> Includes coffee, forest products, fur pelts, hay, hops, nursery stock, tung oil, and other farm products not separately classified. <sup>4</sup> Because many cooperatives do more than one type of business, these totals are less than the number that would be obtained by adding the number of cooperatives marketing individual products, handling individual supplies, or providing individual services. <sup>5</sup> Includes plant equipment, automotive supplies, hardware, chicks, and other supplies not separately classified. <sup>6</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.

Farmer Cooperative Service. Based on records from cooperatives reporting to the Service.

**Table 734.—Farmers' marketing, farm-supply, and related-service cooperatives: Number, memberships, and business, United States, 1954-68<sup>1</sup>**

Year <sup>2</sup>	Cooperatives <sup>3</sup>				Estimated memberships <sup>4</sup>				Estimated service receipts <sup>5</sup>
	Market- ing	Farm supply	Service <sup>6</sup>	Total	Market- ing	Farm supply	Service <sup>6</sup>	Total	
	Number	Number	Number	Number	1,000 members	1,000 members	1,000 members	1,000 members	
1954.....	6,330	3,346	227	9,903	4,213	3,323	68	7,604	195
1955.....	6,284	3,375	235	9,894	4,223	3,444	65	7,732	215
1956.....	6,284	3,373	234	9,891	4,122	3,489	62	7,673	235
1957.....	6,119	3,383	233	9,735	3,880	3,543	63	7,486	247
1958.....	6,042	3,387	229	9,658	3,861	3,644	54	7,559	273
1959.....	5,828	3,297	220	9,345	3,622	3,600	51	7,273	288
1960.....	5,727	3,222	214	9,163	3,473	3,680	50	7,203	306
1961.....	5,626	3,206	207	9,039	3,420	3,635	44	7,099	302
1962.....	5,502	3,211	194	8,907	3,582	3,506	41	7,219	303
1963.....	5,421	3,226	200	8,847	3,613	3,425	42	7,080	313
1964.....	5,305	3,085	193	8,583	3,791	3,251	40	7,082	316
1965.....	5,194	2,949	186	8,329	3,636	3,154	36	6,826	325
1966.....	5,076	2,871	178	8,125	3,299	3,169	34	6,502	318
1967.....	4,929	2,835	176	7,940	3,225	3,187	34	6,446	316
1968 <sup>7</sup> .....	4,773	2,793	181	7,747	3,141	3,190	33	6,364	351

Year <sup>2</sup>	Marketing volume <sup>8</sup>		Farm supply volume <sup>9</sup>		Total marketing and farm supply volume and service receipts <sup>5</sup>	
	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>	Estimated gross business <sup>8</sup>	Estimated net business <sup>9</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1954.....	9,348	7,425	2,922	2,022	12,465	9,642
1955.....	9,514	7,495	2,973	2,046	12,702	9,786
1956.....	10,110	7,999	3,153	2,148	13,498	10,380
1957.....	10,539	8,318	3,269	2,188	14,055	10,732
1958.....	11,412	9,108	3,550	2,371	15,235	11,747
1959.....	11,689	9,330	3,660	2,408	15,647	12,036
1960.....	12,144	9,631	3,744	2,472	16,194	12,409
1961.....	12,993	10,161	3,915	2,561	17,210	13,024
1962.....	13,894	10,834	4,145	2,705	18,342	13,942
1963.....	14,533	11,209	4,394	2,832	19,240	14,324
1964.....	14,816	11,516	4,495	2,910	19,627	14,742
1965.....	15,489	12,198	4,805	3,085	20,619	15,608
1966.....	16,265	12,900	5,314	3,339	21,897	16,557
1967.....	16,557	13,197	5,541	3,521	22,414	17,034
1968 <sup>7</sup> .....	16,769	13,445	5,628	3,600	22,748	17,396

<sup>1</sup> Includes Alaska and Hawaii.<sup>2</sup> Reports of cooperatives are included either for the calendar year or for fiscal years ending between July 1 of the calendar year shown and June 30 of the following calendar year, with limited exceptions.<sup>3</sup> Includes independent local cooperatives, centralized cooperatives, and federations of cooperatives. Cooperatives are classified according to their major activity. If, for example, more than 50 percent of a cooperative's business is derived from marketing activities, it is included as a marketing cooperative.<sup>4</sup> Includes cooperatives whose major activity is providing services related to marketing and farm-supply activities.<sup>5</sup> Includes members (those entitled to vote for directors) but does not include nonvoting patrons. (Some duplication exists because some farmers belong to more than one cooperative.)<sup>6</sup> Receipts for services related to marketing and purchasing activities, but not included in the volumes reported for these activities.<sup>7</sup> Preliminary.<sup>8</sup> Estimated gross business includes all business reported between cooperatives, such as the wholesale business of farm-supply cooperatives with other cooperatives or terminal market sales for local cooperatives.<sup>9</sup> Estimated net business represents the value at the first level at which cooperatives transact business for farmers. Figures are adjusted for duplication resulting from intercooperative business.Farmer Cooperative Service. Based on records from cooperatives reporting to the Service. Data for 1934-63 in *Agricultural Statistics, 1967*, table 676.

Table 735.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm-supply, and related-service cooperatives, by States, 1968-69 (preliminary)

State and division	Cooperatives headquartered in State	Cooperatives doing business in State <sup>1</sup>	Memberships in State	Net business (excludes intercooperative business) <sup>2</sup>
	Number	Number	Number	1,000 dollars
<b>Maine</b> .....	14	30	10,400	61,408
<b>New Hampshire</b> .....	6	15	2,845	30,482
<b>Vermont</b> .....	17	25	8,775	113,806
<b>Massachusetts</b> .....	19	25	8,755	92,574
<b>Rhode Island</b> .....	1	5	630	13,891
<b>Connecticut</b> .....	18	25	5,485	68,885
<b>New England</b> .....	75		36,890	381,046
<b>New York</b> .....	294	307	132,910	870,806
<b>New Jersey</b> .....	50	61	21,760	162,982
<b>Pennsylvania</b> .....	122	142	82,400	447,540
<b>Middle Atlantic</b> .....	466		237,070	1,471,378
<b>Ohio</b> .....	216	235	252,355	679,181
<b>Indiana</b> .....	120	148	428,095	556,833
<b>Illinois</b> .....	363	381	401,345	1,061,871
<b>Michigan</b> .....	159	182	133,060	485,706
<b>Wisconsin</b> .....	557	582	392,670	909,581
<b>East North Central</b> .....	1,415		1,607,525	3,753,172
<b>Minnesota</b> .....	950	978	559,465	1,182,048
<b>Iowa</b> .....	486	521	429,890	1,102,197
<b>Missouri</b> .....	180	204	409,330	1,530,987
<b>North Dakota</b> .....	487	507	230,865	383,893
<b>South Dakota</b> .....	282	303	176,195	256,111
<b>Nebraska</b> .....	351	375	260,895	494,762
<b>Kansas</b> .....	291	309	208,600	477,685
<b>West North Central</b> .....	3,027		2,275,240	4,427,683
<b>Delaware</b> .....	8	16	12,230	14,816
<b>Maryland</b> .....	42	53	55,700	126,840
<b>Virginia</b> .....	121	132	170,800	206,655
<b>West Virginia</b> .....	65	78	46,845	51,850
<b>North Carolina</b> .....	40	57	106,645	272,429
<b>South Carolina</b> .....	21	31	37,120	73,315
<b>Georgia</b> .....	73	87	131,780	292,351
<b>Florida</b> .....	99	109	81,435	451,230
<b>South Atlantic</b> .....	469		662,555	1,489,486
<b>Kentucky</b> .....	82	95	197,000	184,751
<b>Tennessee</b> .....	128	143	153,490	157,267
<b>Alabama</b> .....	59	71	69,120	109,004
<b>Mississippi</b> .....	128	141	138,240	295,710
<b>East South Central</b> .....	397		557,850	746,732
<b>Arkansas</b> .....	96	115	94,605	313,973
<b>Louisiana</b> .....	96	101	17,655	116,239
<b>Oklahoma</b> .....	159	177	134,820	293,105
<b>Texas</b> .....	513	531	179,740	770,887
<b>West South Central</b> .....	864		426,820	1,494,204
<b>Montana</b> .....	164	177	65,025	126,709
<b>Idaho</b> .....	70	92	49,185	149,156
<b>Wyoming</b> .....	31	41	10,360	36,686
<b>Colorado</b> .....	92	102	50,005	255,519
<b>New Mexico</b> .....	26	37	8,170	35,118
<b>Arizona</b> .....	14	28	84,405	154,586
<b>Utah</b> .....	50	55	24,295	123,865
<b>Nevada</b> .....	3	10	500	3,817
<b>Mountain</b> .....	480		292,095	885,456

See footnotes at end of table.



**Table 735.—Farmers' cooperatives: Number of cooperatives, memberships, and business volume of marketing, farm-supply, and related-service cooperatives, by States, 1968-69 (preliminary)—Continued**

State and division	Cooperatives headquartered in State	Cooperatives doing business in State <sup>1</sup>	Memberships in State	Net business (excludes intercooperative business) <sup>2</sup>
	<i>Number</i>	<i>Number</i>	<i>Number</i>	<i>1,000 dollars</i>
Washington.....	164	179	122,755	466,705
Oregon.....	84	102	57,605	279,133
California.....	314	323	84,560	<sup>3</sup> 1,977,917
Pacific.....	562		264,920	2,723,755
48 States.....	7,725		6,360,965	17,372,912
Alaska.....	2	3	425	2,942
Hawaii.....	20	23	2,000	17,581
Export.....		3	165	<sup>4</sup> 2,816
United States.....	7,747		6,363,555	17,396,221

<sup>1</sup> Includes cooperatives headquartered both in and outside the State handling business originating in the State. No totals can be shown because of duplication.

<sup>2</sup> Represents value at the first level at which cooperatives transact business for farmers.

<sup>3</sup> Volume of a sugar cooperative located in Hawaii but headquartered in California is included in California.

<sup>4</sup> Sales to foreign countries.

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**Table 736.—Farmers' cooperatives: Types, numbers, and memberships, United States**

Type	Year or date of data	Associations	Estimated memberships or participants
Marketing and farm supply:		<i>Number</i>	<i>Number</i>
Marketing <sup>1</sup> .....	1968-69.....	<sup>2</sup> 4,773	3,141,245
Farm supply <sup>1</sup> .....	1968-69.....	<sup>2</sup> 2,793	3,189,460
Miscellaneous services <sup>1</sup> .....	1968-69.....	<sup>4</sup> 181	32,850
Service:			
Federal land bank associations <sup>5</sup> .....	Jan. 1, 1971.....	611	<sup>7</sup> 369,319
Production credit associations <sup>6</sup> .....	Jan. 1, 1971.....	442	523,226
Banks for cooperatives <sup>6</sup> .....	Jan. 1, 1971.....	13	<sup>8</sup> 2,819
Rural credit unions <sup>6</sup> .....	Jan. 1, 1970.....	790	275,000
Rural electric cooperatives <sup>10</sup> .....	June 30, 1970.....	<sup>11</sup> 900	<sup>12</sup> 5,849,291
Rural telephone cooperatives <sup>10</sup> .....	June 30, 1970.....	232	595,457
Farmers' mutual fire insurance companies <sup>9</sup> .....	Jan. 1, 1970.....	1,225	2,750,000
Production:			
Mutual irrigation companies <sup>13</sup> .....	Jan. 1, 1970.....	7,500	161,000
Dairy-herd-improvement associations <sup>14</sup> .....	Jan. 1, 1971.....	1,274	61,610
Dairy-cattle artificial breeding associations <sup>14</sup> .....	1969.....	21	<sup>15</sup> 242,100

<sup>1</sup> Farmer Cooperative Service, U.S. Department of Agriculture.

<sup>2</sup> When associations marketing farm products but principally engaged in providing some other services are included, the total is 5,400.

<sup>3</sup> When associations purchasing farm supplies but principally engaged in providing some other services are included, the total is 6,273.

<sup>4</sup> Includes trucking, storage, grinding, locker plant, and other services.

<sup>5</sup> When associations providing miscellaneous services but principally engaged in marketing or farm-supply activities are included, the total is 5,345.

<sup>6</sup> Farm Credit Administration.

<sup>7</sup> Represents the number of Federal Land Bank loans outstanding as of Dec. 31, 1970.

<sup>8</sup> Cooperative associations borrowing from banks for cooperatives.

<sup>9</sup> Farmer Cooperative Service, U.S. Department of Agriculture estimates.

<sup>10</sup> Rural Electrification Administration, U.S. Department of Agriculture.

<sup>11</sup> Includes associations that are REA repaid borrowers.

<sup>12</sup> Includes only memberships of associations financed by REA.

<sup>13</sup> Census of Irrigation, Department of Commerce.

<sup>14</sup> Dairy Cattle Research Branch, Agricultural Research Service, U.S. Department of Agriculture.

<sup>15</sup> Number of herds serviced by cooperatives.

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**Table 737.—Rural Electrification Administration: Number and amount of electrification loans approved by purpose of loan, by States and Territories, from organization (May 11, 1935) to Jan. 1, 1971<sup>1</sup>**

State and Territory	Total loans		Loans to cooperative associations <sup>2</sup>		Loans by purpose			Miles of line provided for by loans <sup>4</sup>	Consumers provided for by loans <sup>4</sup>
	Borrowers	Amount	Borrowers	Amount	Distribution systems	Generation and transmission	Consumer facilities <sup>3</sup>		
	Number	1,000 dollars	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Miles	Number
Maine.....	3	6,855	3	6,855	4,889	1,907	59	1,200	8,588
New Hampshire.....	1	17,726	1	17,726	17,156	538	32	3,278	30,925
Vermont.....	2	14,266	2	14,266	11,334	2,029	903	2,284	11,228
Massachusetts.....	0	0	0	0	0	0	0	0	0
Rhode Island.....	0	0	0	0	0	0	0	0	0
Connecticut.....	0	0	0	0	0	0	0	0	0
New York.....	7	8,613	6	6,749	8,465	63	85	3,867	15,495
New Jersey.....	2	3,461	2	3,461	3,345	112	4	738	7,395
Pennsylvania.....	12	75,464	12	75,464	75,140	85	239	19,828	113,419
Ohio.....	28	108,474	27	102,231	104,802	3,453	219	32,398	164,002
Indiana.....	47	198,591	46	198,161	97,419	100,455	717	42,170	208,986
Illinois.....	30	194,736	29	194,635	133,861	60,663	212	49,105	172,264
Michigan.....	15	131,695	15	131,695	77,516	53,706	473	23,764	134,555
Wisconsin.....	31	238,657	30	238,566	76,331	160,481	1,845	34,148	116,360
Minnesota.....	55	319,372	53	318,414	199,619	115,407	4,346	89,749	287,639
Iowa.....	57	294,430	54	292,830	128,009	166,024	397	61,202	157,760
Missouri.....	49	489,327	48	489,292	243,801	244,705	821	93,923	350,657
North Dakota.....	26	361,277	24	355,678	114,256	245,035	1,986	59,659	77,581
South Dakota.....	34	156,913	34	156,913	116,936	39,096	881	55,440	90,808
Nebraska.....	36	215,483	4	24,265	144,475	70,446	562	64,740	120,019
Kansas.....	38	177,631	37	177,625	132,632	44,584	415	59,680	118,935
Delaware.....	1	11,492	1	11,492	11,018	471	3	2,501	20,242
Maryland.....	2	41,453	2	41,453	35,232	6,221	0	7,633	58,404
Virginia.....	20	125,632	19	125,439	117,191	7,774	667	29,791	171,123
West Virginia.....	1	2,194	1	2,194	2,189	0	5	632	3,207
North Carolina.....	37	203,457	32	202,562	178,452	20,355	4,650	50,025	330,789
South Carolina.....	27	203,846	25	199,340	132,062	69,553	2,231	40,682	227,722
Georgia.....	46	225,880	44	225,616	220,726	195	2,959	74,110	438,791
Florida.....	17	153,963	15	153,453	132,998	18,128	2,539	30,926	193,690
Kentucky.....	29	439,759	28	439,757	205,219	233,381	1,159	59,531	345,078
Tennessee.....	33	163,365	21	149,819	162,932	368	45	51,277	140,381
Alabama.....	27	165,836	24	154,885	125,727	38,750	1,359	43,465	271,897
Mississippi.....	29	225,341	27	224,730	184,123	40,524	694	60,219	328,132
Arkansas.....	21	250,706	20	250,183	148,762	97,473	4,471	48,227	220,792
Louisiana.....	20	191,013	18	182,516	121,263	69,573	177	34,506	199,997
Oklahoma.....	29	279,722	27	279,421	202,461	74,585	2,676	73,645	216,439
Texas.....	99	670,298	97	612,902	472,925	194,839	2,534	183,230	574,739
Montana.....	25	87,041	25	87,041	75,829	10,983	229	34,629	59,310
Idaho.....	10	39,931	10	39,931	34,529	4,196	1,208	8,846	28,557
Wyoming.....	16	61,116	15	61,038	49,335	11,680	101	20,420	36,120
Colorado.....	25	224,401	25	224,401	141,720	82,607	74	42,188	124,704
New Mexico.....	18	144,899	17	144,764	87,866	53,973	3,060	28,602	86,169
Arizona.....	13	64,515	9	62,848	35,348	28,677	490	7,636	37,054
Utah.....	6	28,899	6	28,899	13,101	15,674	124	3,654	10,637
Nevada.....	7	26,520	3	24,810	16,299	9,974	247	3,470	8,003
Washington.....	23	77,580	11	55,238	72,894	4,384	302	16,957	55,152
Oregon.....	17	84,580	16	82,712	74,113	10,170	297	16,128	56,576
California.....	10	41,823	7	17,272	34,067	7,700	56	5,443	67,568
Alaska.....	13	170,334	11	167,637	68,776	105,444	1,114	5,255	52,602
Hawaii.....	0	0	0	0	0	0	0	0	0
Puerto Rico.....	1	70,040	0	0	49,331	29,709	0	10,640	199,921
Virgin Islands.....	1	430	0	0	234	196	0	85	912
<b>Total.....</b>	<b>1,096</b>	<b>7,485,729</b>	<b>983</b>	<b>7,055,199</b>	<b>4,891,708</b>	<b>2,556,366</b>	<b>47,655</b>	<b>1,691,506</b>	<b>7,019,124</b>

<sup>1</sup> State totals represent data for borrowers incorporated within the State.

<sup>2</sup> United States totals for other types of borrowers are as follows: Public Power Districts, 54 borrowers, \$242,890,676; municipalities and other Government authorities, 34 borrowers, \$172,782,376; power companies, 25 borrowers, \$24,856,862.

<sup>3</sup> Funds loaned to corporate borrowers for relending to individuals. Includes wiring, plumbing, and refrigeration installations.

<sup>4</sup> Includes miles energized and consumers served, shown in tables 738 and 739.

Rural Electrification Administration.

Table 738.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, 1970, by States and Territories <sup>1</sup>

State and Territory	Total advances as of Jan. 1, 1971 <sup>2,3</sup>	Statistics for borrowers in operation <sup>4</sup>								
		As of Jan. 1, 1971 <sup>5</sup>					Calendar year 1970			
		Borrowers	Miles energized <sup>6</sup>	Consumers served <sup>6</sup>	Kw.-hr. generated	Kw.-hr. purchased <sup>6</sup>	Kw.-hr. sales <sup>7</sup>	Total revenue <sup>7</sup>	Average monthly kw.-hr. consumption per consumer	
									All consumers	Residential consumers <sup>(*)</sup>
	1,000 dollars	Number	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.
Maine.....	5,606	3	1,173	7,884	857	57,784	53,319	1,195	567	232
New Hampshire.....	17,302	1	3,259	28,722	0	170,052	167,256	4,399	483	378
Vermont.....	13,103	2	2,281	10,808	0	105,311	96,357	2,407	792	716
Massachusetts.....	0	0	0	0	0	0	0	0	0	0
Rhode Island.....	0	0	0	0	0	0	0	0	0	0
Connecticut.....	0	0	0	0	0	0	0	0	0	0
New York.....	8,394	6	3,356	13,255	0	60,251	52,797	1,336	655	639
New Jersey.....	2,947	2	698	7,039	0	27,655	24,398	628	469	442
Pennsylvania.....	70,510	12	19,808	107,047	0	858,409	782,423	16,414	623	577
Ohio.....	102,413	28	33,118	169,070	0	1,832,272	1,661,840	31,947	906	797
Indiana.....	155,089	44	42,709	222,080	915,670	2,495,060	2,946,733	48,455	871	747
Illinois.....	183,404	30	48,706	156,024	626,506	2,135,621	1,735,273	38,821	913	694
Michigan.....	120,107	15	23,339	125,083	498,721	858,184	739,494	18,716	489	422
Wisconsin.....	219,263	31	33,963	115,616	3,311,220	1,542,942	2,254,227	31,738	845	723
Minnesota.....	292,614	55	89,118	284,101	1,201,880	5,392,447	3,082,464	62,572	824	721
Iowa.....	235,524	57	60,309	147,861	525,694	3,210,874	1,990,012	43,012	1,051	937
Missouri.....	437,786	47	93,516	305,683	3,498,443	6,996,394	4,823,084	69,031	728	510
North Dakota.....	244,412	26	57,102	70,094	1,879,117	2,197,808	1,972,781	23,482	1,286	806
South Dakota.....	141,293	34	51,284	80,171	1,816	3,055,238	1,606,079	20,305	918	817
Nebraska.....	200,651	36	64,060	114,263	1,816	3,055,238	1,606,079	30,854	1,268	818
Kansas.....	154,679	37	58,041	104,127	391,627	1,364,240	1,357,936	29,738	1,162	620
Delaware.....	10,139	1	2,450	17,645	0	147,295	131,865	2,982	641	602
Maryland.....	38,278	2	7,484	56,546	0	711,142	690,008	12,795	989	619
Virginia.....	121,007	16	29,424	153,927	5,500	1,519,557	1,386,950	27,962	778	578
West Virginia.....	2,186	1	633	2,790	0	13,730	11,796	312	358	352
North Carolina.....	194,430	35	49,825	293,296	811	2,664,104	2,384,850	44,786	706	605
South Carolina.....	178,004	23	39,608	206,131	0	2,769,187	1,521,363	30,545	659	602
Georgia.....	212,030	44	75,884	419,691	0	4,016,158	3,628,308	63,360	783	689
Florida.....	142,760	17	31,232	183,315	51,482	1,763,473	1,634,770	37,469	789	605
Kentucky.....	391,386	28	59,949	301,254	3,853,965	4,958,476	5,302,643	65,627	1,279	709
Tennessee.....	156,755	33	52,740	405,402	0	7,511,436	7,045,285	84,759	1,494	1,157
Alabama.....	157,844	26	43,616	248,818	577,776	3,366,969	3,140,405	44,654	982	831
Mississippi.....	211,504	29	61,286	306,789	163,296	3,942,658	3,263,069	53,976	945	718
Arkansas.....	222,913	21	47,208	180,873	698,959	3,105,221	1,410,507	30,134	671	511
Louisiana.....	140,745	16	32,904	175,929	399	2,022,732	1,622,687	32,512	878	583
Oklahoma.....	261,878	29	73,383	188,139	1,173,314	2,094,018	2,045,133	40,242	902	522
Texas.....	607,751	80	182,334	511,474	1,291,227	5,468,101	4,643,454	96,416	1,671	508
Montana.....	81,226	25	35,222	56,464	0	816,804	723,805	13,143	1,087	780
Idaho.....	36,645	10	8,505	24,239	2	426,546	373,882	5,424	1,341	798
Wyoming.....	54,510	16	20,198	33,975	10,630	992,825	923,429	13,726	2,323	612
Colorado.....	196,335	25	40,169	115,148	1,434,976	3,307,326	2,076,484	32,209	985	511
New Mexico.....	131,106	18	28,558	75,219	318,682	1,168,277	898,458	19,857	1,015	323
Arizona.....	59,871	13	7,507	34,502	386,950	942,147	768,298	12,381	1,862	491
Utah.....	26,504	6	3,406	7,245	63,494	221,731	261,778	3,870	3,095	515
Nevada.....	12,584	6	2,010	7,242	3,181	150,098	134,954	2,599	1,600	544
Washington.....	72,996	23	16,738	50,736	36	1,300,993	1,180,431	11,715	2,246	1,328
Oregon.....	79,134	17	15,817	52,533	0	1,256,124	1,135,277	13,448	1,897	1,182
California.....	39,185	9	4,688	55,951	0	578,487	536,441	8,598	1,056	656
Alaska.....	132,938	13	4,521	47,692	612,078	184,256	485,804	19,934	1,348	703
Hawaii.....	0	0	0	0	0	0	0	0	0	0
Puerto Rico.....	77,040	1	10,359	158,394	315,874	0	286,592	9,674	0	0
Virgin Islands.....	430	1	97	853	0	0	0	0	0	0
United States.....	6,655,111	1,050	1,673,595	6,441,140	23,813,687	91,721,794	76,009,289	1,310,159	914	687

<sup>1</sup> State totals represent data for borrowers incorporated within the State. <sup>2</sup> Actual funds advanced out of loans approved, as shown in table 737. <sup>3</sup> Cumulative. <sup>4</sup> Preliminary. <sup>5</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. As of Jan. 1, 1971, there were 67 such borrowers with 26,956 miles energized and 150,244 consumers served. <sup>6</sup> Includes 31,243,352,313 kw.-hr. sold by one REA borrower to another. <sup>7</sup> Excludes energy sales and revenues of power sold by one REA borrower to another. <sup>8</sup> Includes rural nonfarm and farm consumers.

Rural Electrification Administration.

Table 739.—Rural Electrification Administration: Advances to, and operating statistics of, electric borrowers, United States, 1954-71

Year	Total advances as of Jan. 1 <sup>1</sup>	Statistics for borrowers in operation										Average monthly kw.-hr. consumption per consumer	
		As of Jan. 1 <sup>1</sup>			During year								
		Bor- rowers	Miles energ- ized <sup>2</sup>	Con- sumers served <sup>3</sup>	Kw.-hr. gener- ated	Kw.-hr. pur- chased <sup>4</sup>	Kw.-hr. sales <sup>5</sup>	Total revenue <sup>6</sup>	All con- sumers	Resi- dential con- sumers <sup>7</sup>			
	1,000 dollars	Number	Miles	Number	1,000 kw.-hr.	1,000 kw.-hr.	1,000 kw.-hr.	1,000 dollars	Kw.-hr.	Kw.-hr.			
1954	2,359,966	1,022	1,297,264	4,024,826	2,720,907	13,450,323	13,829,131	383,144	285	223			
1955	2,524,106	1,024	1,332,957	4,174,346	3,254,592	14,995,601	15,738,772	419,744	312	242			
1956	2,677,399	1,026	1,361,605	4,251,250	3,612,363	17,265,831	18,197,414	460,188	345	263			
1957	2,838,809	1,026	1,382,737	4,361,896	3,291,162	19,266,304	19,676,628	489,873	364	283			
1958	3,051,555	1,030	1,405,327	4,466,444	3,482,173	21,500,345	21,901,769	524,971	393	311			
1959	3,254,777	1,030	1,424,441	4,596,270	4,463,821	24,033,340	25,070,622	575,255	432	334			
1960	3,469,649	1,032	1,445,835	4,721,630	4,921,797	26,056,552	27,268,625	615,232	466	357			
1961	3,679,662	1,038	1,465,315	4,825,802	5,118,439	27,753,716	28,967,198	651,285	487	375			
1962	3,862,678	1,038	1,483,021	4,955,642	6,043,477	30,133,985	31,880,133	697,306	526	401			
1963	4,072,663	1,042	1,504,228	5,094,953	7,001,608	33,005,028	35,357,255	745,629	565	425			
1964	4,330,973	1,046	1,526,812	5,237,912	8,039,115	36,906,638	39,836,854	802,431	616	456			
1965	4,593,153	1,051	1,547,143	5,386,068	8,833,866	39,104,323	42,068,054	846,520	654	479			
1966	4,909,826	1,052	1,566,772	5,541,478	11,546,699	42,894,994	48,439,056	911,545	708	515			
1967	5,182,750	1,051	1,586,502	5,652,844	13,709,927	45,399,786	52,880,144	977,057	751	543			
1968	5,524,114	1,052	1,606,497	5,806,017	14,509,058	50,917,031	58,303,933	1,059,686	812	593			
1969	5,934,571	1,052	1,627,445	5,986,140	18,072,872	56,031,381	66,421,021	1,168,306	876	643			
1970	6,261,549	1,049	1,650,240	6,106,967	23,813,687	60,478,442	76,009,290	1,310,159	914	687			
1971	6,655,111	1,050	1,673,595	6,441,140									

<sup>1</sup> Cumulative from organization, May 11, 1935. <sup>2</sup> Includes data at time of repayment of loan for borrowers whose loans have been repaid in full. <sup>3</sup> As of Jan. 1, 1971, there were 67 such borrowers with 26,956 miles energized and 150,244 consumers served. <sup>4</sup> Excludes energy sales and revenues of power sold by one REA borrower to another. <sup>5</sup> Includes patronage capital. <sup>6</sup> Includes rural nonfarm and farm consumers. <sup>7</sup> Preliminary. <sup>8</sup> Actual funds advanced out of loans approved, as shown in table 737.

Rural Electrification Administration. Data for 1936-53 in *Agricultural Statistics, 1967*, table 741.

Table 740.—Rural Electrification Administration: Annual revenues and expenses reported by REA electric borrowers, United States, 1954-70

Year	Operating revenue	Operating expense	Interest expense	Depreciation and amortization expense	Net margins <sup>1</sup>	Total utility plant
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	408,145	249,944	40,053	78,925	43,966	2,541,573
1955.....	449,628	272,716	41,979	86,684	58,636	2,705,758
1956.....	491,185	298,895	43,118	95,517	69,390	2,878,828
1957.....	523,783	326,652	44,824	90,833	68,900	3,058,921
1958.....	563,204	354,535	46,400	95,967	75,221	3,243,678
1959.....	617,730	392,063	47,895	101,756	86,801	3,485,570
1960.....	663,789	429,966	50,220	109,023	87,212	3,696,855
1961.....	707,477	460,799	52,126	115,040	93,685	3,896,747
1962.....	756,535	494,722	53,817	120,675	102,430	4,103,691
1963.....	810,342	535,138	54,744	126,821	109,160	4,406,158
1964.....	876,847	585,496	56,660	134,891	115,310	4,696,455
1965.....	937,986	637,367	58,950	141,547	116,382	4,978,735
1966.....	1,021,917	706,268	61,946	150,681	120,942	5,352,578
1967.....	1,108,139	777,279	64,639	158,721	125,194	5,776,334
1968.....	1,206,781	890,947	67,227	166,099	130,538	6,166,602
1969.....	1,337,017	968,228	71,451	176,651	140,066	6,592,785
1970.....	1,535,114	1,068,888	78,109	193,035	144,653	7,175,328

<sup>1</sup> Beginning 1970, includes nonoperating margins, generation and transmission capital credits, and miscellaneous revenue deductions not shown elsewhere in this table. Prior years includes nonoperating margins and miscellaneous revenue deductions. Includes patronage capital. <sup>2</sup> Preliminary.

Rural Electrification Administration. Data for 1941-53 in *Agricultural Statistics, 1967*, table 742.

**Table 741.—Rural Electrification Administration: Advances to, and operating statistics of, telephone borrowers, United States, 1954-71<sup>1</sup>**

Year	Total advances <sup>2</sup>	Borrowers reporting	Employees	Total subscribers		Dial subscribers		Tele-phones in service	Revenues for year ending Dec. 31
				Receiving service	Receiving initial service <sup>3</sup>	Receiving service	Receiving initial service <sup>4</sup>		
	1,000 dollars	Number	Number	Number	Number	Number	Number	Number	1,000 dollars
1954.....	43,732	.....	.....	.....	.....	.....	.....	.....	8,169
1955.....	79,184	176	.....	186,746	.....	.....	.....	168,160	16,350
1956.....	125,180	285	.....	283,581	.....	.....	.....	303,823	26,714
1957.....	188,167	406	.....	435,155	125,672	299,641	272,446	467,511	40,835
1958.....	266,535	515	.....	604,702	181,469	451,779	373,247	655,064	55,824
1959.....	335,421	588	.....	778,488	247,106	637,628	537,642	837,803	73,499
1960.....	453,153	649	8,512	958,896	320,447	843,907	723,044	1,032,574	93,581
1961.....	557,226	696	9,672	1,142,004	403,867	1,023,396	869,269	1,280,270	112,869
1962.....	662,625	737	10,006	1,291,468	479,958	1,213,854	1,036,747	1,461,298	133,603
1963.....	752,061	761	10,250	1,419,892	548,449	1,378,593	1,175,188	1,623,800	153,127
1964.....	835,844	784	10,603	1,623,406	620,197	1,499,376	1,289,416	1,762,244	168,500
1965.....	917,896	804	11,075	1,826,590	685,282	1,616,982	1,394,713	1,999,904	186,991
1966.....	1,001,956	816	11,567	1,726,359	758,746	1,715,878	1,478,958	2,045,956	215,113
1967.....	1,088,721	814	12,220	1,825,861	840,739	1,817,853	1,572,878	2,195,346	238,888
1968.....	1,163,844	811	12,827	1,944,834	934,449	1,938,926	1,674,544	2,369,153	271,097
1969.....	1,267,544	811	13,389	2,087,025	1,036,073	2,062,414	1,779,643	2,551,496	310,421
1970.....	1,412,712	805	14,088	2,184,375	1,120,926	2,181,597	1,876,869	2,754,689	362,694
1971 <sup>5</sup> .....	1,563,050	809	18,015	2,334,579	1,240,619	2,330,249	1,995,381	2,988,834	.....

<sup>1</sup> Cumulative as of Jan. 1, except data shown for revenues.<sup>2</sup> Actual funds advanced out of loans approved as shown in table 745.<sup>3</sup> Subscribers receiving telephone service for the first time as a result of the REA Rural Telephone Program.<sup>4</sup> Subscribers receiving dial telephone service for the first time as a result of the REA Rural Telephone Program. Includes subscribers who previously had manual service.<sup>5</sup> Preliminary, except total advances.Rural Electrification Administration. Data for 1951-53 in *Agricultural Statistics, 1967*, table 748.**Table 742.—Rural Electrification Administration: Annual revenues, expenses, and total telephone plant reported by REA telephone borrowers, United States, 1958-70**

Year	Borrowers reporting	Operating revenues	Operating expenses	Interest expense	Depreciation and amortization expense	Net income or margin <sup>1</sup>	Total telephone plant <sup>2</sup>
	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1958.....	588	58,830	35,084	5,478	13,085	1,399	405,189
1959.....	649	73,499	44,817	7,366	17,639	3,312	514,426
1960.....	696	93,581	55,830	9,060	22,951	5,637	634,545
1961.....	735	112,869	64,815	11,096	28,548	6,353	780,089
1962.....	760	133,603	74,915	12,588	33,892	12,009	838,139
1963.....	784	153,127	85,745	14,318	38,150	15,339	955,650
1964.....	804	168,500	93,801	15,620	42,897	16,984	1,087,160
1965.....	816	186,991	103,671	16,630	47,776	19,702	1,167,378
1966.....	814	215,113	117,849	17,900	53,653	26,543	1,296,518
1967.....	811	238,888	132,228	19,316	60,856	27,322	1,471,168
1968.....	811	271,097	150,900	21,182	67,780	33,115	1,689,137
1969.....	805	310,421	172,942	23,097	76,266	38,396	1,827,306
1970.....	808	362,694	200,919	26,249	86,346	49,281	2,084,584

<sup>1</sup> Includes other income and deductions (net), and other fixed charges not shown elsewhere in this table.<sup>2</sup> Investment in physical plant and related facilities.<sup>3</sup> Preliminary.

Rural Electrification Administration.

**Table 743.—Rural Electrification Administration: Number and percentage of farms receiving central station electric service, by States, as of June 30, 1970<sup>1</sup>**

State and division	Farms with service		State and division	Farms with service	
	Number	Percent <sup>2</sup>		Number	Percent <sup>2</sup>
Maine.....	9,500	98	Georgia.....	74,250	99
New Hampshire.....	3,430	99	Florida.....	33,650	99
Vermont.....	7,150	99	South Atlantic.....	432,000	98
Massachusetts.....	5,980	99	Kentucky.....	118,700	99
Rhode Island.....	850	99	Tennessee.....	123,350	99
Connecticut.....	4,550	99	Alabama.....	83,650	98
New England.....	31,450	98	Mississippi.....	90,500	97
New York.....	56,450	99	East South Central.....	416,200	98
New Jersey.....	8,600	99	Arkansas.....	73,050	99
Pennsylvania.....	72,100	99	Louisiana.....	81,500	99
Middle Atlantic.....	137,150	99	Oklahoma.....	88,750	99
Ohio.....	108,800	98	Texas.....	181,750	97
Indiana.....	95,050	99	West South Central.....	395,050	98
Illinois.....	124,750	99	Montana.....	25,400	97
Michigan.....	84,150	99	Idaho.....	27,950	98
Wisconsin.....	110,900	99	Wyoming.....	8,100	96
East North Central.....	523,650	99	Colorado.....	29,950	98
Minnesota.....	123,750	99	New Mexico.....	12,250	90
Iowa.....	138,450	99	Arizona.....	5,000	85
Missouri.....	140,000	99	Utah.....	14,250	98
North Dakota.....	45,200	98	Nevada.....	1,850	88
South Dakota.....	45,500	98	Mountain.....	124,750	98
Nebraska.....	71,750	98	Washington.....	45,050	99
Kansas.....	84,550	98	Oregon.....	39,000	99
West North Central.....	644,200	99	California.....	56,450	99
Delaware.....	3,600	98	Pacific.....	140,500	99
Maryland.....	17,500	99	Alaska.....	300	97
Virginia.....	69,700	98	Hawaii.....	4,050	88
West Virginia.....	27,950	96	United States.....	2,849,300	98.4
North Carolina.....	155,450	99			
South Carolina.....	49,900	98			

<sup>1</sup> Includes service from REA borrowers and all other suppliers. Estimated by REA.<sup>2</sup> Percentage is of the total number of farms as estimated for 1970 by the Statistical Reporting Service. State figures are rounded to the nearest whole percentage.

Rural Electrification Administration.



Table 744.—Rural Electrification Administration: Advances to, and operating statistics of, telephone borrowers, cumulative to Jan. 1, 1971, and revenues for 1970, by States and Territories <sup>1</sup>

State and Territory	Total advances <sup>2</sup>	Borrowers reporting	Total subscribers		Dial subscribers		Tele-phones in service	Revenues for 12 months ending Dec. 31, 1970 <sup>3</sup>
			Receiving service	Receiving initial service <sup>4</sup>	Receiving service	Receiving initial service <sup>4</sup>		
	1,000 dollars	Number	Number	Number	Number	Number	Number	1,000 dollars
Maine.....	12,548	9	19,189	9,361	19,189	17,030	23,997	3,250
New Hampshire.....	1,586	2	2,081	1,065	2,081	2,081	2,650	368
Vermont.....	1,615	2	1,701	1,086	1,701	1,701	2,406	367
Massachusetts.....	696	1	1,469	921	1,469	1,469	1,911	266
Rhode Island.....	0	0	0	0	0	0	0	0
Connecticut.....	0	0	0	0	0	0	0	0
New York.....	8,916	9	20,777	6,029	20,777	14,535	27,561	3,293
New Jersey.....	8,646	3	12,441	7,859	12,441	9,363	18,906	2,962
Pennsylvania.....	40,170	23	79,979	35,374	79,979	59,975	108,595	11,934
Ohio.....	5,061	11	10,349	3,632	10,349	8,608	12,471	1,270
Indiana.....	32,951	28	56,328	25,572	56,328	48,351	70,716	7,243
Illinois.....	49,119	21	92,788	30,229	92,427	83,523	124,491	14,882
Michigan.....	24,838	18	36,060	16,590	36,060	28,804	46,136	5,319
Wisconsin.....	80,897	70	135,447	43,802	135,447	115,270	178,731	18,903
Minnesota.....	74,385	50	124,715	42,931	123,283	95,432	152,829	15,579
Iowa.....	61,601	59	105,530	13,287	105,227	85,452	136,036	14,010
Missouri.....	72,118	29	127,169	53,833	127,169	114,193	180,026	16,956
North Dakota.....	58,379	13	49,809	24,389	49,809	42,281	66,157	9,145
South Dakota.....	30,667	14	27,326	9,652	27,326	23,518	34,605	3,661
Nebraska.....	16,955	22	30,095	3,916	28,703	24,600	36,089	3,939
Kansas.....	66,931	33	99,678	17,807	99,678	91,344	127,094	14,487
Delaware.....	0	0	0	0	0	0	0	0
Maryland.....	1,213	1	2,041	771	2,041	2,041	2,717	363
Virginia.....	27,918	11	38,942	27,096	38,942	34,555	51,126	7,233
West Virginia.....	19,346	9	32,411	16,032	32,411	26,016	38,781	4,374
North Carolina.....	70,203	18	94,735	78,045	94,735	81,924	122,714	12,913
South Carolina.....	60,616	18	65,207	54,914	65,207	58,703	87,620	9,330
Georgia.....	75,011	30	103,306	76,689	103,306	89,366	135,049	15,102
Florida.....	30,893	8	50,084	36,815	50,084	41,427	69,018	10,402
Kentucky.....	69,673	18	108,233	83,281	108,233	103,044	134,323	12,655
Tennessee.....	68,068	21	102,146	74,913	102,146	93,098	127,245	13,423
Alabama.....	59,604	24	109,187	79,242	109,182	91,811	136,110	15,957
Mississippi.....	21,851	15	28,434	23,046	28,434	27,036	34,301	3,620
Arkansas.....	33,527	18	86,607	59,054	86,607	71,849	104,627	14,476
Louisiana.....	34,522	18	48,354	39,241	48,261	44,078	60,484	7,646
Oklahoma.....	88,886	30	70,560	27,991	70,590	58,588	96,482	10,917
Texas.....	129,341	55	174,324	108,220	174,261	149,955	223,704	31,171
Montana.....	25,336	11	18,611	14,526	18,611	17,246	24,795	5,638
Idaho.....	7,961	7	13,798	6,306	13,798	10,513	18,832	2,723
Wyoming.....	4,196	7	4,114	2,351	4,114	3,507	5,409	1,022
Colorado.....	10,400	10	11,765	4,251	11,576	9,744	14,928	1,961
New Mexico.....	7,712	5	3,919	3,290	3,919	3,741	5,315	887
Arizona.....	12,416	3	23,405	18,679	23,405	22,088	32,806	6,962
Utah.....	7,411	7	9,686	4,578	9,686	5,332	13,503	2,196
Nevada.....	2,252	4	2,335	1,931	2,335	1,915	3,350	859
Washington.....	16,586	15	36,149	17,254	36,149	26,358	45,204	6,981
Oregon.....	19,858	17	22,552	11,882	22,552	19,042	29,749	4,767
California.....	26,832	10	36,964	20,872	36,964	31,605	51,572	11,350
Alaska.....	3,339	2	3,579	3,064	3,579	3,289	4,653	812
Hawaii.....	0	0	0	0	0	0	0	0
Puerto Rico.....	0	0	0	0	0	0	0	0
Virgin Islands.....	0	0	0	0	0	0	0	0
United States.....	1,553,050	809	2,334,579	1,240,619	2,330,249	1,995,381	2,988,834	362,694

<sup>1</sup> Preliminary, except total advances. Data cumulative, except for revenues. State figures are for borrowers headquartered in the State.

<sup>2</sup> Actual funds advanced out of loans approved as shown in table 745.

<sup>3</sup> Subscribers receiving telephone service for the first time as a result of the REA Rural Telephone Program.

<sup>4</sup> Subscribers receiving dial telephone service for the first time as a result of the REA Rural Telephone Program. Includes subscribers who previously had manual service.

<sup>5</sup> Reported by 808 borrowers.

Rural Electrification Administration.

## REA BORROWER STATISTICS

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Table 745.—Rural Electrification Administration: Telephone loans approved, route miles of line, and number of subscribers, by States and Territories, cumulative to Jan. 1, 1971<sup>1</sup>

State and Territory	Total loans approved		Route miles of line provided for by loans	Subscribers provided for by loans		
	Borrowers	Amount		Total	To receive initial service	To receive improved service
	Number	1,000 dollars	Miles	Number	Number	Number
Maine.....	9	14,361	3,202	20,833	11,005	9,828
New Hampshire.....	2	1,689	285	1,576	862	1,016
Vermont.....	2	2,507	288	2,219	1,604	615
Massachusetts.....	1	784	144	1,682	1,134	548
Rhode Island.....	0	0	0	0	0	0
Connecticut.....	0	0	0	0	0	0
New York.....	9	13,660	2,807	24,090	9,312	14,748
New Jersey.....	3	13,001	1,201	14,172	9,570	4,602
Pennsylvania.....	27	46,096	9,533	84,544	39,939	44,605
Ohio.....	11	6,320	1,704	11,927	5,210	6,717
Indiana.....	31	42,469	11,480	72,196	30,311	41,887
Illinois.....	22	64,139	17,836	91,874	29,315	62,559
Michigan.....	19	29,781	5,937	43,334	23,096	20,238
Wisconsin.....	70	95,789	26,848	140,199	48,550	91,649
Minnesota.....	61	91,801	37,054	130,476	48,154	82,322
Iowa.....	62	70,413	25,255	113,437	18,530	94,907
Missouri.....	34	79,564	36,816	134,728	30,628	74,100
North Dakota.....	14	67,102	27,837	51,569	26,249	25,320
South Dakota.....	14	37,778	16,030	30,151	12,477	17,674
Nebraska.....	25	23,460	12,086	33,458	6,218	27,240
Kansas.....	33	76,962	36,691	112,030	27,980	84,050
Delaware.....	0	0	0	0	0	0
Maryland.....	1	2,061	298	3,531	2,261	1,270
Virginia.....	11	31,577	7,041	42,442	30,566	11,876
West Virginia.....	9	20,705	5,821	33,799	17,390	16,379
North Carolina.....	19	82,160	15,886	108,918	62,068	18,850
South Carolina.....	20	66,357	14,307	74,448	63,522	10,926
Georgia.....	32	86,729	26,482	117,784	89,605	28,179
Florida.....	9	34,127	8,136	46,420	32,740	13,680
Kentucky.....	18	78,235	19,488	110,022	85,070	24,952
Tennessee.....	21	78,948	17,891	103,510	76,277	27,233
Alabama.....	25	70,780	19,657	116,934	86,989	29,945
Mississippi.....	15	24,659	7,106	31,855	26,467	5,388
Arkansas.....	20	39,611	14,251	76,496	49,787	26,709
Louisiana.....	18	39,938	6,858	54,047	44,534	9,113
Oklahoma.....	30	66,209	24,539	80,858	38,269	42,589
Texas.....	56	150,240	61,185	180,937	121,932	58,005
Montana.....	11	29,021	18,395	19,863	15,778	4,085
Idaho.....	7	9,353	3,469	13,462	5,970	7,492
Wyoming.....	7	4,275	1,884	5,072	3,309	1,763
Colorado.....	11	14,080	6,474	15,495	7,568	7,927
New Mexico.....	7	8,973	4,345	7,673	6,112	1,561
Arizona.....	3	12,748	3,596	13,984	10,160	3,794
Utah.....	8	9,910	2,641	11,005	5,897	5,108
Nevada.....	4	2,763	869	2,898	1,494	1,404
Washington.....	16	19,768	5,151	35,920	16,235	19,684
Oregon.....	21	23,058	5,408	32,449	16,750	15,699
California.....	11	30,081	6,588	38,571	22,479	16,092
Alaska.....	2	3,799	750	4,065	3,550	515
Hawaii.....	0	0	0	0	0	0
Puerto Rico.....	0	0	0	0	0	0
Virgin Islands.....	0	0	0	0	0	0
United States.....	862	1,815,555	574,710	2,506,267	1,383,354	1,122,913

<sup>1</sup> Cumulative from program authorization Oct. 23, 1949. State figures are data for borrowers headquartered in the State.

Rural Electrification Administration.

## CHAPTER XI

### STABILIZATION AND PRICE-SUPPORT PROGRAMS

The statistics in this chapter relate to activities of the Commodity Credit Corporation, cropland diversion programs, and marketing agreement and order programs for fruits and vegetables. Statistics for Federal Milk Marketing Order programs are contained in chapter VIII.

A table summarizing participation in the 1968, 1969, and 1970 Feed Grain and Wheat Programs has been added to this chapter.

**Table 746.—Commodity Credit Corporation: Price support granted on 1969 and 1970 crops, United States and Territories <sup>1</sup>**

Commodity	Unit	On 1969 crops				On 1970 crops through Mar. 31, 1971	
		Total		Through Mar. 31, 1970			
		Quantity	Value	Quantity	Value	Quantity	Value
		Millions	Million dollars	Millions	Million dollars	Millions	Million dollars
Cotton, upland.....	Bale.....	3.6	383.3	3.6	381.1	2.4	248.4
Cotton, extra-long staple.....	do.....	( <sup>2</sup> )	7.0	( <sup>2</sup> )	6.9	( <sup>2</sup> )	8.0
Wheat.....	Bushel.....	411.0	503.0	397.2	477.4	247.8	298.3
Corn.....	do.....	398.1	411.3	381.9	394.8	310.3	319.2
Milk and butterfat:							
Butter.....	Pound.....	180.8	123.5	161.9	110.3	254.8	178.4
Cheese.....	do.....	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	49.3	27.6
Dried milk.....	do.....	378.0	96.7	280.1	68.1	359.2	107.6
Tobacco.....	do.....	233.5	212.3	248.2	209.0	170.2	156.5
Rice, rough.....	Cwt.....	24.5	121.6	22.6	112.4	20.7	105.6
Grain sorghum.....	Bushel.....	41.5	35.8	38.9	32.9	36.3	26.2
Soybeans.....	do.....	179.5	401.2	178.2	398.2	145.8	325.2
Peanuts, farmers' stock.....	Pound.....	416.8	54.1	415.3	51.9	876.9	113.2
Peanuts, shelled.....	do.....	154.3	25.5	109.3	18.1	84.6	14.0
Oats.....	Bushel.....	162.6	92.4	142.3	80.1	103.1	59.5
Flaxseed.....	do.....	131.	35.4	12.1	32.5	12.4	30.0
Barley.....	do.....	52.5	40.7	48.4	37.4	26.9	21.6
Beans, dry edible.....	Cwt.....	2.0	13.6	1.9	13.3	1.4	9.2
Roast.....	Pound.....			1.8	.2		
Tung oil.....	do.....	5.6	1.4	2.0	.5	2.1	.6
Rye.....	Bushel.....	6.9	6.7	6.3	6.0	10.7	10.2
Honey.....	Pound.....	46.0	6.1	45.6	6.1	40.6	5.5
Special purchase programs <sup>3</sup> .....			44.9		36.3		52.0
<b>Total.....</b>			<b>2,616.5</b>		<b>2,473.5</b>		<b>2,113.8</b>

<sup>1</sup> Consists of loans made and purchases.

<sup>2</sup> Less than 50,000.

<sup>3</sup> Commodities included in "Special purchase programs" for 1969 and 1970 crops are corn products, wheat products, and rolled oats. Data for 1969 include milled rice; data for 1970 include refined cottonseed oil (salad oil, shortening, and vegetable oil products).

Agricultural Stabilization and Conservation Service.

Table 747.—Commodity Credit Corporation: Loans made, United States and Territories, by crop years, 1961-70<sup>1</sup>

Loan program	Quantity pledged	Face amount	Loan program	Quantity pledged	Face amount	Loan program	Quantity pledged	Face amount
<b>Almonds:</b>	1,000 pounds	1,000 dollars	<b>Honey:</b>	1,000 pounds	1,000 dollars	<b>Rye—Con.</b>	1,000 bushels	1,000 dollars
1961.....	10,534	2,107	1961.....	4,182	814	1961.....	4,411	4,241
			1962.....	3,402	422	1962.....	5,417	5,153
			1963.....	3,145	365	1963.....	10,669	10,239
<b>Barley:</b>	1,000 bushels		1964.....	9,630	1,174			
1961.....	43,237	40,075	1965.....	17,318	2,077	<b>Sorghum grain:</b>	1,000 bushels	
1962.....	34,372	28,586	1966.....	33,903	4,164	1961.....	189,443	210,896
1963.....	24,573	18,097	1967.....	30,733	3,934	1962.....	213,702	242,636
1964.....	14,953	11,897	1968.....	24,908	3,303	1963.....	139,300	138,450
1965.....	16,522	12,949	1969.....	45,668	6,098	1964.....	82,713	87,173
1966.....	16,454	12,292	1970 <sup>1</sup> .....	40,611	5,525	1965.....	108,002	103,024
1967.....	47,866	41,655				1966.....	27,581	22,003
1968.....	116,122	100,049	<b>Naval stores:</b>	1,000 pounds		1967.....	65,875	56,030
1969.....	51,936	40,238	<b>Rosin:</b>	1,000 pounds		1968.....	73,787	65,686
1970 <sup>1</sup> .....	26,896	21,653	1961.....	52,723	8,097	1969.....	41,524	35,761
			1962.....	155,897	16,978	1970 <sup>1</sup> .....	30,318	26,182
<b>Corn:</b>	1,000 bushels		1963.....	115,426	12,402			
1961.....	586,496	683,973	1964.....	95,962	10,168	<b>Soybeans:</b>	1,000 bushels	
1962.....	538,598	629,957	1965.....	86,012	8,479	1961.....	115,082	961,973
1963.....	388,557	396,430	1966.....	54,540	5,290	1962.....	166,556	148,701
1964.....	215,718	225,867	1967.....	43,255	4,210	1963.....	69,739	154,927
1965.....	214,934	217,246	1968.....	19,150	1,859	1964.....	28,572	53,894
1966.....	262,945	249,076	1969.....	1,849	174	1965.....	86,817	193,079
1967.....	466,809	481,497	1970 <sup>1</sup> .....			1966.....	153,142	179,612
1968.....	403,409	419,695				1967.....	200,653	503,110
1969.....	398,055	411,333	<b>Oats:</b>	1,000 bushels		1968.....	336,862	844,311
1970 <sup>1</sup> .....	310,286	319,181	1961.....	19,814	11,928	1969.....	179,496	401,308
			1962.....	30,385	16,856	1970 <sup>1</sup> .....	145,800	325,188
<b>Cotton:</b>	1,000 bales		1963.....	35,995	20,730			
1961.....	4,860	806,302	1964.....	40,873	23,783	<b>Storage facility and equipment</b>		517,134
1962.....	6,853	1,079,713	1965.....	43,681	23,214			
1963.....	8,088	1,295,541	1966.....	22,896	12,303	<b>Tobacco:</b>	1,000 pounds	
1964.....	7,341	1,063,582	1967.....	36,740	21,031	1961.....	90,777	67,668
1965.....	6,965	957,443	1968.....	89,135	50,808	1962.....	274,732	211,749
1966.....	3,133	299,019	1969.....	132,448	85,394	1963.....	447,856	307,399
1967.....	1,514	144,480	1970 <sup>1</sup> .....	103,092	59,539	1964.....	354,807	259,864
1968.....	4,443	453,332				1965.....	110,700	91,062
1969.....	3,706	390,267	<b>Peanuts:</b>	1,000 tons		1966.....	139,172	108,742
1970 <sup>1</sup> .....	2,403	251,328	1961.....	99.3	24,632	1967.....	314,710	243,164
			1962.....	138.2	30,678	1968.....	170,443	134,951
<b>Cottonseed:</b>	1,000 tons		1963.....	170.0	41,079	1969.....	253,458	212,316
1961.....		1	1964.....	201.3	47,438	1970 <sup>1</sup> .....	170,802	158,556
1962.....		1	1965.....	234.0	55,843			
			1966.....	267.0	62,347	<b>Tung oil:</b>	1,000 pounds	
<b>Dry beans:</b>	1,000 cwt.		1967.....	228.0	64,194	1961.....	9,806	2,353
1961.....	4,113	27,898	1968.....	225.8	55,655	1962.....	2,330	3,776
1962.....	2,249	16,123	1969.....	207.6	53,896	1963.....	15,735	3,776
1963.....	2,525	19,478	1970 <sup>1</sup> .....	438.4	115,179	1964.....	26,586	6,523
1964.....	1,132	7,915				1965.....	9,318	2,279
1965.....	707	4,720	<b>Rice:</b>	1,000 cwt.		1966.....	24,836	6,048
1966.....	3,498	23,981	1961.....	4,292	21,976	1967.....	13,327	3,250
1967.....	666	4,424	1962.....	5,602	27,650	1968.....	5,534	1,345
1968.....	1,688	11,208	1963.....	5,484	29,537	1969.....	5,651	1,446
1969.....	1,906	13,447	1964.....	7,629	38,297	1970 <sup>1</sup> .....	2,129	561
1970 <sup>1</sup> .....	1,366	9,153	1965.....	9,813	48,529			
			1966.....	14,362	70,267	<b>Wheat:</b>	1,000 bushels	
<b>Flaxseed:</b>	1,000 bushels		1967.....	16,252	80,713	1961.....	262,409	466,562
1961.....	857	2,360	1968.....	23,631	113,466	1962.....	280,703	594,766
1962.....	5,758	16,222	1969.....	22,671	112,667	1963.....	161,604	301,732
1963.....	11,774	33,056	1970 <sup>1</sup> .....	20,680	105,603	1964.....	197,861	254,211
1964.....	6,306	17,851				1965.....	170,085	202,902
1965.....	11,128	31,381	<b>Rye:</b>	1,000 bushels		1966.....	132,665	158,269
1966.....	1,865	5,316	1961.....	1,631	1,525	1967.....	280,773	342,230
1967.....	2,700	7,705	1962.....	5,670	5,199	1968.....	444,965	647,261
1968.....	6,125	17,459	1963.....	1,497	1,508	1969.....	405,908	497,445
1969.....	12,362	35,436	1964.....	5,267	5,249	1970 <sup>1</sup> .....	247,845	298,306
1970 <sup>1</sup> .....	12,347	29,936	1965.....	5,956	5,955			
			1966.....	2,194	5,110			
			1967.....	2,247	5,213			

See footnotes on page 538.

Table 748.—Commodity Credit Corporation: Price-supported commodities owned as of Dec. 31, 1961-70<sup>1</sup>

Year	Barley	Butter and butter-oil	Cheese	Corn	Cotton	Dry beans	Flaxseed	Sorghum grain	Nonfat dry milk
	Million bushels	Million pounds	Million pounds	Million bushels	1,000 bales	Million cwt.	Million bushels	Million bushels	Million pounds
1961.....	40	206	60	1,412	1,467	0.4	.....	610	355
1962.....	28	399	112	1,045	4,705	.9	.....	579	662
1963.....	41	290	40	849	5,955	.2	3.2	585	554
1964.....	23	61	33	835	7,793	.7	2.9	587	151
1965.....	18	32	( <sup>2</sup> )	530	10,155	.1	5.2	493	131
1966.....	7	.....	.....	156	8,389	( <sup>3</sup> )	9.1	332	( <sup>4</sup> )
1967.....	6	153	80	138	1,247	.3	2.1	193	191
1968.....	6	124	65	261	135	( <sup>3</sup> )	2.9	192	268
1969.....	49	72	( <sup>2</sup> )	296	2,221	( <sup>3</sup> )	7.7	186	312
1970.....	28	108	4	215	2,077	.1	19.1	163	119

  

Year	Oats	Peanuts <sup>4</sup>	Rice <sup>5</sup>	Rye	Soybeans	Tung oil	Wheat	Value of all commodities owned <sup>6</sup>
	Million bushels	Million pounds	Million cwt.	Million bushels	Million bushels	Million pounds	Million bushels	Million dollars
1961.....	8	20	2.9	3.2	.....	( <sup>7</sup> )	1,130	5,248
1962.....	15	80	.1	1.0	37	.....	1,045	5,271
1963.....	19	94	1.5	.9	( <sup>7</sup> )	.....	952	5,023
1964.....	33	40	1.1	.5	( <sup>7</sup> )	15	712	4,511
1965.....	41	37	.8	5.7	( <sup>7</sup> )	.....	572	4,110
1966.....	47	78	.4	8.2	.....	15	216	2,340
1967.....	45	35	.1	6.7	7	9	109	1,005
1968.....	46	6	( <sup>7</sup> )	9.0	53	12	100	1,064
1969.....	76	6	9.6	11.7	178	28	168	1,784
1970.....	146	2	10.4	17.6	80	42	283	1,594

<sup>1</sup> Commodities which were owned by CCC in some years but not shown in this table are as follows: Cottonseed and products, naval stores, wheat products, corn products, oat products, vegetable oil, honey, mixed feed, and linseed oil.

<sup>2</sup> Less than 500,000 units.

<sup>3</sup> Less than 50,000 units.

<sup>4</sup> Farmers' stock basis; includes farmers' stock equivalent of shelled peanuts.

<sup>5</sup> Rough basis; includes milled rice in rough equivalent.

<sup>6</sup> The total value of all commodities owned by CCC, including price-supported commodities not shown and commodities acquired under programs other than price-support programs.

Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 749.

## FOOTNOTES FOR TABLE 747

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation and loans financed by financial institutions.

<sup>2</sup> Loans through Mar. 31, 1971.

<sup>3</sup> Cumulative from inception of program through Mar. 31, 1971.

Agricultural Stabilization and Conservation Service. Data for 1950-60 in *Agricultural Statistics, 1967*, table 748.

Table 749.—Commodity Credit Corporation: Commodities outstanding under price-support loan as of Dec. 31, 1961-70 <sup>1</sup>

Year <sup>2</sup>	Barley	Corn	Cotton <sup>3</sup>	Dry beans	Flaxseed	Sorghum grain	Oats
	Million bushels	Million bushels	1,000 bales	Million cwt.	Million bushels	Million bushels	Million bushels
1961.....	62	461	3,461	3.3	0.8	146	40
1962.....	36	560	4,422	2.0	3.6	156	33
1963.....	32	582	5,686	2.3	10.3	121	49
1964.....	28	550	5,039	1.0	5.4	93	67
1965.....	20	459	4,002	.5	8.5	108	73
1966.....	16	392	1,674	2.7	1.6	54	57
1967.....	38	418	539	.5	2.2	67	56
1968.....	114	633	2,165	1.4	5.0	107	113
1969.....	106	567	2,452	1.5	9.4	76	194
1970.....	100	454	1,492	1.1	8.9	43	235

  

Year <sup>2</sup>	Peanuts	Rice	Rye	Soybeans	Tobacco	Wheat	Value of all loans outstanding <sup>4</sup>
	Million pounds	Million cwt.	Million bushels	Million bushels	Million pounds	Million bushels	Million dollars
1961.....	181	3.6	2.4	92	504	277	2,437
1962.....	241	4.4	4.7	58	687	259	2,761
1963.....	320	5.0	.9	50	879	173	2,928
1964.....	369	5.5	3.3	24	1,196	190	2,802
1965.....	430	7.8	4.7	65	1,128	181	2,598
1966.....	430	11.6	1.6	115	1,008	153	2,069
1967.....	363	12.7	1.5	181	1,147	232	2,355
1968.....	340	17.7	3.6	330	1,103	336	3,805
1969.....	349	18.7	4.8	257	1,138	706	3,628
1970.....	768	15.4	8.2	144	1,224	477	2,973

<sup>1</sup> Commodities which were under loan on Dec. 31 in some years but not shown in this table are as follows: Cottonseed, honey, naval stores, tung oil, and almonds.

<sup>2</sup> Not necessarily from the crop of the year shown; may include quantities under resale from crops of previous years.

<sup>3</sup> Includes extra-long staple.

<sup>4</sup> Value of all commodities outstanding under loan, including those not shown.

Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 750.



Table 750.—Commodity Credit Corporation: Loan transactions in 1970, and loans made 1933-70, by commodities<sup>1</sup>

Commodity	Unit	Loan transactions, 1969						Total loans made, 1933-70		
		Loans outstanding Jan. 1, 1970	New loans made	Repayments	Collateral acquired in settlement	Loans written off <sup>a</sup>	Loans outstanding Dec. 31, 1970		Quantity pledged	Value
							Value <sup>b</sup>	Quantity collateral remaining pledged		
<b>Basic commodities:</b>										
Corn.....	Bushel.....	1,000 dollars 374,284	1,000 dollars 414,871	1,000 dollars 504,322	1,000 dollars 19,752	1,000 dollars 974	1,000 dollars 463,944	1,000 units 453,949	1,000 dollars 10,130,130	
Cotton.....	Pound.....	48,585	115,083	33,827	122	20,784	1,000 dollars 105,284	1,000 units 788,472	1,000 dollars 15,495,786	
Peanuts.....	Ton.....	44,866	93,129	97,245	5,643	115	1,000 dollars 79,121	1,000 units 15,353	1,000 dollars 1,073,370	
Rice.....	Cwt.....	83,129	193,585	105,465	5,347	469	1,000 dollars 952,049	1,000 units 1,224,055	1,000 dollars 3,663,991	
Tobacco.....	Pound.....	847,972	193,585	84,702	4,347	469	1,000 dollars 587,584	1,000 units 477,236	1,000 dollars 13,986,493	
Wheat.....	Bushel.....	868,073	345,578	415,833	210,041	183	1,000 dollars 2,345,816	1,000 units 45,908,150	1,000 dollars 45,908,150	
<b>Total.....</b>		<b>2,491,619</b>	<b>1,448,205</b>	<b>1,408,847</b>	<b>362,400</b>	<b>22,761</b>	<b>2,345,816</b>	<b>45,908,150</b>		
<b>Designated nonbasic commodities:</b>										
Bacon.....	Bushel.....	87,594	31,124	23,675	12,789	87	1,000 dollars 82,167	1,000 units 100,366	1,000 dollars 993,920	
Butter.....	Pound.....	67,294	34,903	36,221	28,414	85	1,000 dollars 37,477	1,000 units 43,430	1,000 dollars 32,156	
Sorghum grain.....	Pound.....	5,057	5,905	5,089	33,429	142	1,000 dollars 4,844	1,000 units 35,596	1,000 dollars 2,422,121	
Oats.....	Bushel.....	109,133	73,547	16,418	33,498	142	1,000 dollars 132,622	1,000 units 235,177	1,000 dollars 30,211	
Rye.....	do.....	4,883	9,538	6,422	6,101	7	1,000 dollars 7,920	1,000 units 8,248	1,000 dollars 1,003,162	
Wung oil.....	Pound.....	4,668	1,434	1	6,101	7	1,000 dollars 7,920	1,000 units 8,248	1,000 dollars 603,569	
Wool.....	do.....	278,329	156,451	82,776	86,653	321	1,000 dollars 265,030	1,000 units 322,641	1,000 dollars 59,148	
Wool and mohair.....	do.....	278,329	156,451	82,776	86,653	321	1,000 dollars 265,030	1,000 units 322,641	1,000 dollars 130,488	
<b>Total.....</b>		<b>278,329</b>	<b>156,451</b>	<b>82,776</b>	<b>86,653</b>	<b>321</b>	<b>265,030</b>	<b>4,403,793</b>		
<b>Other nonbasic commodities:</b>										
Almonds.....	Pound.....	10,206	10,697	12,585	726	23	1,000 dollars 7,570	1,000 units 1,128	1,000 dollars 2,109	
Beans, dry edible.....	Cwt.....	44,866	93,129	97,245	5,643	115	1,000 dollars 79,121	1,000 units 15,353	1,000 dollars 426,236	
Dark sesame.....	Pound.....	847,972	193,585	84,702	4,347	469	1,000 dollars 587,584	1,000 units 477,236	1,000 dollars 1,237	
Fiber flax.....	do.....	25,349	29,631	2,677	30,640	39	1,000 dollars 21,624	1,000 units 8,909	1,000 dollars 2,679	
Flax.....	Ton.....	25,349	29,631	2,677	30,640	39	1,000 dollars 21,624	1,000 units 8,909	1,000 dollars 1,237	
Flaxseed.....	Bushel.....	847,972	193,585	84,702	4,347	469	1,000 dollars 587,584	1,000 units 477,236	1,000 dollars 260	
Hops.....	Pound.....	17,345	179	12,752	12,752	106	1,000 dollars 4,968	1,000 units 89,536	1,000 dollars 450,775	
Naval stores.....	do.....	17,345	179	12,752	12,752	106	1,000 dollars 4,968	1,000 units 89,536	1,000 dollars 1,238	
Rosin.....	do.....	17,345	179	12,752	12,752	106	1,000 dollars 4,968	1,000 units 89,536	1,000 dollars 157,199	
Turpentine.....	Gallon.....	17,345	179	12,752	12,752	106	1,000 dollars 4,968	1,000 units 89,536	1,000 dollars 20,570	

Olive oil.....	Gallon.....								1,046				2,811
Peas, dry edible.....	Cwt.....								3,708				2,376
Peas, green.....	Pwt.....								156,175				165,568
Potatoes, Irish.....	Cwt.....								77				165,160
Potatoes, sweet.....	Ton.....								170				8,137
Prunes.....	Ton.....								287				9,079
Raisins.....	Ton.....								453,228				62,539
Seeds, miscellaneous.....	Pound.....								1,844,854				4,238,917
Soybeans.....	Bushel.....	605,334	348,743	464,079	160,866	711	328,421	143,936					5,547,009
Total.....		638,224	389,250	492,093	192,231	577	362,583						
Other loans:													
Cottonseed, American Pima.....													6
Fiber flax facilities.....													917
Foreign purchase facilities.....													3,387
Hempseed and harvesting equipment.....													1,36
Processed oil.....													1,841
Processing equipment and warehousing.....													3,443
Raisin producers association.....													25
Raisin producers association.....		170,019	29,380	52,834		291	146,274						515,660
Storage facility and equipment.....													28
War hemp.....													
Total.....	170,019	170,019	29,380	52,834		291	146,274						525,883
Grand total.....		3,798,201	2,023,286	2,036,550	641,284	23,950	3,119,703						58,364,535

<sup>1</sup> Includes loans made directly by Commodity Credit Corporation and loans financed by financial institutions.

<sup>2</sup> Book value of outstanding loans; includes face amounts and any charges paid.

<sup>3</sup> Includes transfers to accounts receivable.

\* Denotes negative item resulting from adjustments of prior activity.

Agricultural Stabilization and Conservation Service.

**Table 751.—Commodity Credit Corporation: Loans made in 1970 and cumulative 1933-70, by States and Territories 1**

State and division	1970										Cumulative from organization (1933) to December 1970							
	Bar- ley	Corn	Cot- ton	Sor- ghum grain	Pea- nuts	To- bacco	Wheat	Other 2	Total	Bar- ley	Corn	Cotton	Sor- ghum grain	Pea- nuts	Tobacco	Wheat	Other 2	Total
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1																	
New Hampshire.....																		
New Jersey.....	15	200					468	441	1,109	204	4,525					48,762	27,262	81,053
New York.....	10	158				66	23	282	174	2,789	2,789					722	12,918	12,918
Pennsylvania.....	10	401				64	49	524	418	7,415	7,415				846	27,746	2,970	39,385
Middle Atlantic.....	25	759																
Ohio.....	10,038	10,038				3	1,268	15,004	26,200	119	243,296		107		840	85,741	30,954	133,366
Indiana.....	1	20,484	2				1,333	35,020	66	581,788	581,788		133		2,405	222,965	180,786	659,708
Illinois.....	1	56,399	7				1,344	49,818	107,588	291	1,950,581	165	164		203,204	866,255	2,772	2,909,350
Michigan.....	2	3,544					514	7,588	1,022	1,581	1,581		3		118,179	746,975	2,492,984	2,909,350
Wisconsin.....	2	3,544					69	2,533	6,146	1,277	38,287				20,149	5,589	27,756	114,068
East North Central.....	9	93,864	7	39		11	3,515	85,568	188,013	2,245	2,915,304	165	407		22,354	666,263	1,338,379	4,945,317
Minnesota.....	6,339	64,536					4,611	60,147	144,006	129,686	1,131,546					217,116	976,414	2,454,891
Iowa.....	131,532	1,327,470	3				1,355	71,372	236,710	580	3,507,426		129			237,116	327,967	4,894,461
Missouri.....	10	10,640	496				1,456	37,328	1,070	1,070	1,070					43,737	1,070	1,070
North Dakota.....	1,145	10,640					56,503	42,323	110,011	315,495	273,032					1,772,530	477,446	2,692,984
South Dakota.....	1,711	11,454					12,489	18,358	44,200	43,463	308,925					581,676	276,280	1,218,484
Nebraska.....	8	83,814					31,665	7,922	130,361	8,151	1,515,566					1,071,748	149,714	3,100,762
Kansas.....	64	7,300					110,488	3,206	127,892	13,042	178,926					3,549,394	72,248	4,242,214
West North Central.....	22,273	311,081	496	14,538			219,636	250,144	818,156	511,906	7,030,392	273,032	584,085			7,468,296	3,616,409	19,743,173
Delaware.....	2	17					9	54	83	56	2,809					7,391	1,049	11,305
Maryland.....	11	330					25	86	452	475	5,865					39,353	1,063	78,389
Virginia.....	28	556	187				261	452	31,027	359	1,149	8,252			31,504	27,438	10,157	191,388
West Virginia.....																	763	1,452
North Carolina.....	6	2,197	4,816				132	3,085	124,290	407	27,305	234,865	286	9,114	2,368,128	10,220	38,131	2,678,498
South Carolina.....	7	1,010	2,137				91	1,366	100,728	129	10,523	487,077	13	1,191	10	7,045	6,973	586,463
Florida.....	1	82					106	11,113	11,113	2	849	10			10	32	1	1,583
South Atlantic.....	60	4,992	13,389	25	87,460	121,451	644	27,787	255,808	1,444	73,494	1,703,335	344	817,003	2,351,116	102,658	381,448	5,490,092

Kentucky	8	603	40	11	61,611	140	1,165	63,478	301	51,670	2,850	130	978,660	29,430	19,112	1,061,971
Tennessee	8	124	944	7	7,889	23	1,532	10,690	70	1,404	44,536	35	244,240	12,657	2,025	1,081,715
Alabama	1	57	2,078	1	1,080	3	1,080	3,219	5	4,630	900,474	13	27,504	1,270	18,835	187,735
Mississippi	3	19	55,315	40	25	19,613	75,012	205	1,617	2,379,000	531	1,539	243,341	2,626,232	2,626,232	2,626,232
East South Central	16	703	58,387	52	69,600	191	23,451	152,400	581	61,321	3,731,560	708	27,504	1,222,900	45,904	307,021
Arkansas	14	421	14	7	369	369	70,257	85,074	1,910	537	1,314,258	1,066	11,545	927,493	2,280,509	2,280,509
Oklahoma	68	80	9,205	628	37,039	15	16,423	47,543	10,583	1,380	485,360	37,604	15,680	1,213,498	18,048	1,781,169
Texas	8	1,670	64,498	18,278	27,513	15,114	26,818	153,899	7,826	9,285	5,003,519	1,454,120	207,644	750,698	401,662	7,894,654
West South Central	70	1,759	102,159	18,913	27,604	52,527	113,540	316,578	20,324	11,246	7,376,416	1,402,700	224,334	1,976,004	1,583,763	12,664,907
Montana	2,243	25	17,426	14	17,426	14	3,020	22,712	105,694	98	1,096	34,337	861,232	34,337	1,002,471	1,002,471
Idaho	664	25	7,247	14	7,247	14	3,020	22,712	105,694	98	1,096	34,337	861,232	34,337	1,002,471	1,002,471
Wyoming	107	1,270	10,886	255	10,886	14	2,337	14,855	9,602	14,522	368,110	22,346	428,731	79,062	554,265	554,265
Colorado	107	1,270	10,886	255	10,886	14	2,337	14,855	9,602	14,522	368,110	22,346	428,731	79,062	554,265	554,265
New Mexico	209	5	12,564	990	14	1,124	50,744	78,616	21,433	237	728,449	18,397	5,900	1,313	59,623	830,255
Arizona	63	88	27,529	64	456	8	85	607	2,008	30	6,004	1	30,542	12,546	45,137	45,137
Utah	63	88	27,529	64	456	8	85	607	2,008	30	6,004	1	30,542	12,546	45,137	45,137
Nevada	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258	258
Mountain	3,376	1,325	40,331	1,318	37,905	14	60,064	144,353	172,289	16,530	1,100,613	87,224	6,232	1,885,604	334,107	3,602,599
Washington	338	56	20,904	14	20,904	14	5,227	26,525	75,038	4,449	1,214,904	61,249	1,214,904	61,249	1,355,054	1,355,054
Oregon	834	10	8,626	14	8,626	14	1,440	11,110	43,889	1,046	467,119	43,138	467,119	43,138	555,194	555,194
California	4,107	321	70,139	26	997	14	8,914	84,518	109,644	5,009	1,396,625	5,731	246	53,052	139,220	1,765,327
Pacific	5,279	387	70,139	26	30,527	14	15,781	122,153	289,491	10,506	1,396,625	5,731	246	1,725,075	243,607	3,981,305
Puerto Rico	1,941	1,941	1,941	1,941	1,941	1,941	1,941	1,941	1,941	1,941	1,941	1,941	1,941	1,941	1,941	1,941
Alaska	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Unallocated	9	1	3,105	1	1	1	26,311	26,190	457	16,318	308,871	808	1	20,594	163,553	320,136
United States and Territories	31,124	414,871	281,823	34,903	115,093	102,586	345,578	606,299	2,023,286	990,920	10,159,130	15,940,796	2,422,121	1,075,370	3,663,991	13,066,401

Includes loans made directly by Commodity Credit Corporation and loans financed by Federal institutions. As far as possible, loans have been distributed according to the location of producers receiving the loans. Direct loans to cooperative associations for the benefit of members have been distributed according to the location of the association.

Includes storage facility and equipment loans.

Denotes adjustment of prior activity.

Storage charges for the initial loan period to be paid by CCC on extended warehouse

Includes 1970 storage facility and equipment loans which are not available by States.

Reconciliation and storage charges applicable to cotton loans. Includes loans to cotton cooperatives and the 1933 cotton loan for which State data are not available.

Agricultural Stabilization and Conservation Service.

Table 752.—Commodity Credit Corporation: Selected inventory transactions, by program and commodity, 1970

Program and commodity		Quantity				Value				
Unit	Inventory Jan. 1, 1970	Purchases	Collateral acquired from loans	Sales <sup>1</sup>	Inventory Dec. 31, 1970	Inventory Jan. 1, 1970	Purchases	Collateral acquired from loans	Sales proceeds	Inventory Dec. 31, 1970
PRICE-SUPPORT PROGRAM										
Basic commodities:										
Corn.....	Thousands 296,380	Thousands 215	Thousands 20,331	Thousands 106,344	Thousands 215,103	1,000 dollars 333,149	1,000 dollars 4,851	1,000 dollars 21,115	1,000 dollars 128,075	1,000 dollars 238,899
Corn products.....	215	108,216	2	87	17	5				1
Cotton, upland.....	51			35	47	19,653		340	7,657	11,153
Cotton, upland, staple.....	2,140			1,160	2,030	332,900		128,440	129,706	230,563
Peanuts, shelled.....	3,404	1,463,337	1,065	1,887	1,635	570	170	65	107	266
Peanuts, shelled, stock.....	5									185
Rice, milled.....	6,371	1,825	1,169	1,423	6,905	48	4,730	5,149	4,762	33,163
Rice, rough.....				1,423		31,561	8,822	4,977	4,247	
Tobacco, owned.....	168,792	4,463	168,944	55,335	282,571	232,533	6,315	228,737	100,981	378,115
Wheat flour.....	21	478,241			45	28,439	1			10
Wheat, hard.....	137	44,621		594	88	16	4,559		118	
Wheat products, other.....										
<b>Total.....</b>						850,435	82,298	380,593	389,813	891,243
Designated nonbasic commodities:										
Barley.....	48,707	153	17,063	37,969	27,819	42,389	90	15,026	22,220	24,326
Borghum grain.....	188,097	31,962	31,962	56,060	167,613	200,223	1	29,992	69,975	170,108
Honey.....		337	3,187	117	3,402		48	430	15	463
Milk and buttermilk:										
Butter.....	71,642	241,099		88,816	107,772	48,829	168,694		64,427	75,732
Cheese.....	98	42,347		17,827	3,817	53	23,748		10,161	2,140
Ghee.....										
Milk, dried.....	211,933	446,450		428,712	110,241	49,179	128,015		114,179	33,351
Oats.....	78,452	4,701	63,094	2,863	165,355	47,113	2,703	40,049	1,386	91,321
Oats, rolled.....		41,994		215	24	2				2
Rye.....	11,743	41,433	5,789	215	17,625	12,146	448	5,971	192	18,265
Tung oil.....	27,983		24,427	10,547	41,330	7,005		6,119	2,362	10,469
<b>Total.....</b>						406,938	239,982	97,387	294,983	436,771
Other nonbasic commodities:										
Beans, dry edible.....	38	18	04	1	53	201	151	773	9	534
Castor oil.....	23,687	6,010		2,939	26,395	3,459			499	3,879
Cottonseed meal.....	31,013			89,517		2,920	1		2,333	
Cottonseed oil.....		249		27		27			27	
Cottonseed oil, crude.....		249		250						
Cottonseed oil, refined.....	193,596	4,645		200,216	23,782	576			24,283	125
Cottonseed oil, refined (salad oil and shortening).....		88,548			589		18,003			

Flaxseed.....	Bushel	7,721	711	11,632	842	19,088	22,728	1,985	32,749	2,382	58,525
Linseed oil.....	Pound	80,000				65,050	9,404				7,720
Soybeans.....	Bushel	178,492	2,347	62,503	162,941	79,759		6,107	160,381	432,448	206,064
Vegetable oil products.....	Pound		21,710			1,829	402,654	4,184			
Total.....							528,238	31,909	194,103	461,991	275,437
Exchange commodities:											
Strategic and critical materials.....										119	45
Total price-support program.....							1,782,634	444,169	672,383	1,126,906	1,593,501
SUPPLY PROGRAM											
Feed for Government facilities.....	Cwt.		16		16			75		77	
Seeds and plants.....								1			
Seeds, foundation.....	Pound	541	311		232	620	277	151		179	304
Total supply program.....							277	227		254	304
COMMODITY EXPORT PROGRAM											
Blendea food products.....	Pound		330,724		330,439			25,461		25,945	
Corn products.....	do		194,961		188,967	5,100		7,525		7,775	207
Corn products.....	do				45			34		34	
Oats.....	do		57,176		57,185			3,408		3,272	
Oats, malted.....	do		151,964		158,276	1,839		23,432		26,599	232
Vegetable oil products.....	do	8,126			113					1,200	
Wheat.....	Bushel	113						52,127		53,170	
Wheat flour.....	Pound	1,197,859			1,197,862			19,795		20,194	
Wheat products, other.....	do	460,886			460,931						
Total commodity export program.....							1,439	121,902		123,609	529
OTHER											
Cheese (under Section 709).....	Pound		10,946					6,149			
Total all programs.....							1,794,350	584,417	672,383	1,275,769	1,594,334

1 Sales do not reflect commodity donations.  
 2 Denotes negative item resulting from adjustments of prior activity.  
 3 Processed from price-support butter.

Agricultural Stabilization and Conservation Service.



**Table 753.—Commodity Credit Corporation: Cost value of export and domestic commodity dispositions, by type of disposition, fiscal year 1970**

[illegible]



Table 754.—Commodity Credit Corporation: Investment in price-support operations, by quarters, 1961-70

Date	Inventory after revaluation	Loans held by CCC	Loans financed by lending agencies	Total loans outstanding	Total investment
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
1961:					
March.....	5,458.9	1,183.1	883.9	2,067.0	7,525.9
June.....	5,563.3	869.7	605.7	1,475.4	7,038.7
September.....	5,496.8	1,341.1	336.1	1,677.2	7,174.0
December.....	5,248.5	1,542.3	895.2	2,437.5	7,686.0
1962:					
March.....	4,497.1	1,759.4	1,148.6	2,908.0	7,405.1
June.....	4,474.3	1,280.9	901.8	2,182.7	6,657.0
September.....	5,248.5	1,390.7	303.3	1,694.0	6,942.5
December.....	5,270.6	1,648.1	1,113.3	2,761.4	8,032.0
1963:					
March.....	4,736.2	2,115.4	1,313.8	3,429.2	8,165.4
June.....	4,725.9	1,696.5	834.1	2,530.6	7,256.5
September.....	5,490.8	1,393.6	256.4	1,650.0	7,140.8
December.....	5,023.0	2,215.7	711.9	2,927.6	7,950.6
1964:					
March.....	4,516.2	2,758.0	580.7	3,338.7	7,854.9
June.....	4,338.3	2,382.2	377.4	2,759.6	7,097.9
September.....	5,138.3	1,596.6	189.6	1,786.1	6,924.4
December.....	4,611.4	2,261.7	540.2	2,801.9	7,413.3
1965:					
March.....	4,172.8	2,390.9	627.2	3,018.1	7,190.9
June.....	3,892.2	2,075.3	419.1	2,494.4	6,386.6
September.....	4,485.8	1,566.6	181.5	1,748.1	6,233.9
December.....	4,108.9	2,065.5	532.5	2,598.0	6,706.9
1966:					
March.....	3,570.7	2,184.4	903.4	2,787.8	6,358.5
June.....	3,112.9	1,344.1	855.3	2,199.4	5,312.3
September.....	3,159.4	1,182.4	206.2	1,388.6	4,548.0
December.....	2,337.1	1,542.1	526.6	2,068.7	4,405.8
1967:					
March.....	1,945.5	1,064.8	943.3	2,008.1	3,953.6
June.....	1,858.4	482.0	1,021.1	1,503.1	3,361.5
September.....	1,518.6	401.0	979.2	1,380.2	2,898.8
December.....	997.0	618.6	1,736.7	2,355.3	3,352.3
1968:					
March.....	920.4	928.5	1,589.2	2,517.7	3,438.1
June.....	912.7	1,344.7	923.5	2,268.2	3,180.9
September.....	987.6	1,504.4	890.4	2,394.8	3,382.4
December.....	1,067.2	2,456.3	1,148.7	3,605.0	4,662.2
1969:					
March.....	1,032.7	2,772.2	1,292.0	4,064.2	5,096.9
June.....	1,244.5	1,744.5	1,589.5	3,334.0	4,578.5
September.....	1,027.4	2,179.4	565.3	2,744.7	4,672.1
December.....	1,782.6	3,285.8	342.4	3,628.2	5,410.8
1970:					
March.....	1,696.6	3,529.0	195.7	3,724.7	5,421.3
June.....	1,858.1	2,788.3	-----	2,788.3	4,646.4
September.....	1,894.0	2,294.5	-----	2,294.5	4,188.5
December.....	1,593.5	2,973.4	-----	2,973.4	4,566.9

Agricultural Stabilization and Conservation Service. Data for 1952-60 in *Agricultural Statistics, 1968*, table 744.

Table 755.—Sugar Act payments to sugarbeet growers, by States, 1969 and 1970<sup>1</sup>

State	Producers (payees)		Payments on sugarbeets marketed		Abandonment and deficiency payments		Total payments	
	1969	1970 <sup>2</sup>	1969	1970 <sup>2</sup>	1969	1970 <sup>2</sup>	1969	1970 <sup>2</sup>
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Arizona.....	290	258	730	( <sup>3</sup> )	158	( <sup>3</sup> )	878	615
Arkansas.....	3	3	2	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	2	1
California.....	2,484	2,385	12,699	( <sup>3</sup> )	371	( <sup>3</sup> )	13,070	14,211
Colorado.....	5,702	4,486	5,924	4,995	461	190	6,385	5,185
Idaho.....	5,144	4,740	7,430	( <sup>3</sup> )	442	( <sup>3</sup> )	7,892	7,255
Iowa.....	25	24	46	( <sup>3</sup> )	4	( <sup>3</sup> )	50	47
Kansas.....	573	528	1,137	( <sup>3</sup> )	119	( <sup>3</sup> )	1,256	1,604
Maine.....	130	2	151	9	28	( <sup>3</sup> )	179	9
Michigan.....	3,586	3,488	3,543	4,003	28	28	3,571	4,031
Minnesota.....	1,544	1,487	5,223	4,018	4	140	5,227	4,158
Missouri.....	7	7	5	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	5	7
Montana.....	1,721	1,575	2,677	2,000	26	50	2,703	2,050
Nebraska.....	2,909	2,680	3,248	( <sup>3</sup> )	78	( <sup>3</sup> )	3,326	3,195
New Jersey.....	37	18	35	7	( <sup>3</sup> )	( <sup>3</sup> )	35	7
New Mexico.....	92	85	134	( <sup>3</sup> )	52	( <sup>3</sup> )	186	177
New York.....	159	146	243	( <sup>3</sup> )	5	( <sup>3</sup> )	248	( <sup>3</sup> )
North Dakota.....	1,162	1,151	3,038	2,406	6	63	3,044	2,469
Ohio.....	1,099	1,565	1,379	( <sup>3</sup> )	73	( <sup>3</sup> )	1,452	1,725
Oregon.....	495	465	1,180	875	8	34	1,188	909
Pennsylvania.....	7	7	39	( <sup>3</sup> )	( <sup>3</sup> )	( <sup>3</sup> )	39	42
Texas.....	871	820	1,044	( <sup>3</sup> )	522	( <sup>3</sup> )	1,566	1,330
Utah.....	1,283	1,098	1,259	1,069	37	67	1,316	1,136
Washington.....	1,014	1,045	3,631	2,612	50	351	3,681	2,963
Wyoming.....	1,587	1,447	2,674	2,064	15	60	2,689	2,124
Total.....	32,514	29,510	57,481	( <sup>3</sup> )	2,507	( <sup>3</sup> )	59,988	55,250

<sup>1</sup> Data are for crop years.<sup>2</sup> Preliminary.<sup>3</sup> Not available.

Agricultural Stabilization and Conservation Service.

Table 756.—Sugar Act payments to sugarbeet growers, United States, 1961-70

Crop year	Producers (payees)	Payments on sugarbeets marketed	Abandonment and deficiency payments	Total payments
	Number	1,000 dollars	1,000 dollars	1,000 dollars
1961.....	39,917	40,412	2,011	42,423
1962.....	38,032	41,126	2,082	43,208
1963.....	37,947	51,272	1,044	52,316
1964.....	40,055	52,014	1,878	53,892
1965.....	36,600	44,413	2,313	46,726
1966.....	32,371	44,093	1,439	45,532
1967.....	30,488	42,384	1,485	43,869
1968.....	31,872	55,268	1,497	56,765
1969.....	32,514	57,481	2,507	59,988
1970 <sup>1</sup> .....	29,510	( <sup>2</sup> )	( <sup>2</sup> )	55,250

<sup>1</sup> Estimated.<sup>2</sup> Not available.Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 758.

Table 757.—Sugar Act payments to sugarcane growers, by States and Territories, 1961-70<sup>1</sup>

Crop year and item	Florida	Louisiana	Total mainland	Hawaii	Puerto Rico	Virgin Islands	Total insular	Grand total
1961:								
Producers (payees).....number..	20	5,662	5,682	867	13,378	193	14,438	20,120
Payments.....1,000 dollars..	1,753	9,107	10,860	9,975	13,630	213	23,818	34,678
1962:								
Producers (payees).....number..	116	5,665	5,681	728	12,540	156	13,424	19,105
Payments.....1,000 dollars..	3,899	7,580	11,479	10,177	13,115	139	23,431	34,910
1963:								
Producers (payees).....number..	116	5,509	5,625	754	11,831	129	12,714	18,339
Payments.....1,000 dollars..	4,135	11,055	15,190	10,019	13,106	194	23,319	38,509
1964:								
Producers (payees).....number..	194	5,690	5,884	660	10,995	113	11,768	17,652
Payments.....1,000 dollars..	6,024	8,744	14,768	10,563	12,297	190	23,050	37,818
1965:								
Producers (payees).....number..	188	5,699	5,787	703	10,043	79	10,825	16,612
Payments.....1,000 dollars..	5,377	8,332	13,709	10,780	11,882	128	22,770	36,479
1966:								
Producers (payees).....number..	184	5,345	5,529	637	9,007	64	9,708	15,237
Payments.....1,000 dollars..	6,037	8,177	14,214	10,831	11,066	106	22,003	36,217
1967:								
Producers (payees).....number..	165	5,183	5,348	673	7,911	-----	8,584	13,932
Payments.....1,000 dollars..	6,628	10,404	17,032	10,570	9,534	-----	20,104	37,136
1968:								
Producers (payees).....number..	154	5,099	5,253	628	6,671	-----	7,299	12,852
Payments.....1,000 dollars..	5,249	9,593	14,842	10,861	6,787	-----	17,648	32,490
1969:								
Producers (payees).....number..	145	4,915	5,060	612	5,698	-----	6,310	11,370
Payments.....1,000 dollars..	5,164	7,681	12,845	10,463	6,341	-----	16,804	29,649
1970: <sup>2</sup>								
Producers (payees).....number..	165	4,901	5,066	590	5,000	-----	5,590	10,656
Payments.....1,000 dollars..	6,154	8,692	14,846	10,261	6,000	-----	16,261	31,107

<sup>1</sup> Abandonment and deficiency payments included. <sup>2</sup> Estimated.Agricultural Stabilization and Conservation Service. Data for 1949-60 in *Agricultural Statistics, 1967*, table 757.Table 758.—Agricultural Stabilization and Conservation Programs: Number of producers and payments received, grouped by size of payments, United States, 1970<sup>1</sup>

Payment size groups	Producers		Payments	
	Number	Percentage of total	Amount	Percentage of total
		Percent	1,000 dollars	Percent
Less than \$100.....	362,263	14.94	16,586	0.46
\$100 to \$199.....	256,879	10.60	37,932	1.05
\$200 to \$499.....	525,215	21.66	176,973	4.89
\$500 to \$999.....	237,612	9.80	141,200	3.90
\$700 to \$999.....	250,537	10.33	210,582	5.81
\$1,000 to \$1,999.....	375,151	15.47	525,132	14.50
\$2,000 to \$2,999.....	150,307	6.19	366,946	10.13
\$3,000 to \$3,999.....	81,234	3.38	280,402	7.74
\$4,000 to \$4,999.....	49,179	2.03	219,357	6.08
\$5,000 to \$7,499.....	61,427	2.53	372,223	10.28
\$7,500 to \$9,999.....	26,766	1.10	230,533	6.37
\$10,000 to \$14,999.....	23,412	.97	282,846	7.81
\$15,000 to \$24,999.....	15,003	.62	284,132	7.85
\$25,000 to \$49,999.....	7,448	.31	248,527	6.86
\$50,000 to \$99,999.....	1,829	.08	119,769	3.31
\$100,000 to \$499,999.....	482	.02	80,878	2.23
\$500,000 to \$999,999.....	14	( <sup>2</sup> )	9,598	.26
\$1,000,000 and over.....	9	( <sup>2</sup> )	17,762	.49
Subtotal.....	2,424,687	100.00	3,621,378	100.00
Undistributed.....	-----	-----	88,882	-----
Total.....	-----	-----	3,710,260	-----

<sup>1</sup> Represents the number of producers receiving payments under ASCS programs, grouped by aggregate size of all payments to each, and total amount of payments received by these groups of producers. <sup>2</sup> Less than 0.005 percent. <sup>3</sup> Includes payments to vendors for Conservation Materials Service under the Agricultural Conservation Program.

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Table 759.—Cotton, Feed Grain, and Wheat Programs: Participating farms and payments received, by size of base or allotment, United States, 1970

Size of base or allotment (acres)	Participating farms	Base or allotment acreage on participating farms	Price-support payments				Diversion payments		
			Computed on—		Average per acre	Total amount	Acreage on which computed	Average per acre	Total amount
			Acreage	Average yield per acre					
Cotton									
	Number	1,000 acres	1,000 acres	Pounds	Dollars	1,000 dollars	1,000 acres	Dollars	1,000 dollars
0.1 to 4.9.....	107,894	323,407	69,875	440	74	5,161,333			
5.0 to 10.0.....	136,343	1,024,816	399,214	470	79	31,574,507			
10.1 to 14.9.....	45,053	549,014	297,289	470	79	23,496,620			
15.0 to 29.9.....	65,596	1,387,454	851,495	458	77	65,474,790			
30.0 to 49.9.....	40,699	1,576,299	1,012,135	452	76	76,534,699			
49.9 or less.....	395,555	4,860,990	2,630,008	458	77	202,943,949			
50.0 to 99.9.....	43,680	3,046,332	1,999,633	478	80	186,972,741			
100.0 to 199.9.....	24,600	3,876,673	2,188,033	524	88	192,215,577			
200.0 to 349.9.....	5,466	2,170,718	1,407,872	589	99	139,481,973			
350.0 to 499.9.....	2,078	867,369	556,344	635	110	61,445,923			
500.0 to 999.9.....	1,471	985,742	626,473	702	118	74,227,769			
1,000 and over.....	359	685,318	442,375	851	143	63,272,962			
Total.....	476,209	15,963,142	9,820,738	542	91	889,863,894			
Corn, sorghum grain, and barley									
	Number	1,000 acres	1,000 acres	Bushels	Dollars	1,000 dollars	1,000 acres	Dollars	1,000 dollars
10.0 or less.....	343,552	2,011,718	97,703		18	1,730,879	1,944,883	30	54,525,938
10.1 to 15.0.....	146,979	1,911,110	165,617		20	3,263,607	1,637,477	30	49,657,210
15.1 to 20.0.....	121,359	2,191,851	262,061		21	5,513,130	1,766,582	31	54,022,793
20.1 to 25.0.....	102,533	2,371,141	330,491		22	7,145,592	1,835,178	31	56,509,506
25.0 or less.....	714,523	8,485,820	855,872		21	17,683,208	7,067,120	30	214,715,447
25.1 to 30.0.....	76,547	2,146,721	370,212		22	8,068,849	1,235,573	32	36,813,403
30.1 to 50.0.....	218,749	8,707,463	2,749,388		22	61,323,961	2,692,345	34	95,569,501
50.1 to 125.0.....	359,724	28,816,903	12,366,822		23	282,432,070	5,008,174	36	181,735,656
125.1 to 200.0.....	99,980	15,635,405	6,937,891		22	154,918,405	2,601,304	36	92,935,278
200.1 to 500.0.....	60,493	17,210,523	7,553,441		21	161,194,687	3,139,772	35	108,617,262
500.1 to 1,000.0.....	6,439	4,205,858	1,826,132		20	37,065,936	854,841	33	28,338,972
1,000.1 and over.....	1,232	2,072,372	899,727		18	16,183,327	445,808	32	14,114,615
Total.....	1,537,687	87,281,065	33,559,185		22	738,920,343	23,064,934	33	770,940,046
Wheat									
	Number	1,000 acres	1,000 acres	Bushels	Dollars	1,000 dollars	1,000 acres	Dollars	1,000 dollars
10.0 or less.....	338,013	1,718,942	433,810	38	57	24,917,194	747,277	21	15,300,239
10.1 to 15.0.....	150,299	1,760,205	691,143	38	57	39,440,311	290,067	21	6,077,680
15.1 to 25.0.....	103,226	2,020,591	865,944	36	55	47,409,266	224,849	20	4,563,210
25.0 or less.....	591,538	5,499,741	1,990,797	37	56	111,766,771	1,262,223	21	26,001,129
25.1 to 50.0.....	126,075	4,527,374	2,090,785	32	48	100,305,980	276,062	18	4,982,313
50.1 to 100.0.....	102,235	7,238,328	3,409,108	28	43	146,796,780	440,447	16	6,938,733
100.1 to 200.0.....	65,658	9,156,452	4,347,789	27	42	181,554,967	611,969	15	9,249,490
200.1 to 300.0.....	20,710	5,009,977	2,389,885	28	42	100,141,705	359,377	15	5,316,823
300.1 to 500.0.....	11,926	4,470,706	2,137,632	28	42	89,921,276	344,494	15	5,061,896
500.1 to 1,000.0.....	4,400	2,872,394	1,374,612	27	42	57,169,132	241,147	14	3,491,535
1,000.1 to 2,000.0.....	680	867,730	415,674	27	41	16,987,181	81,299	15	1,193,251
2,000.1 and over.....	80	223,601	107,328	23	36	3,815,406	22,241	12	275,430
Total.....	923,302	39,866,303	18,263,610	29	44	808,459,228	3,639,259	17	62,510,900

Agricultural Stabilization and Conservation Service.



Table 760.—Agricultural Stabilization and Conservation Programs: Payments to producers, by program and commodity, crop years 1965-70

Program and commodity	1965	1966	1967	1968	1969	1970 <sup>1</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
<b>Diversion:</b>						
Corn.....	760.2	579.0	302.1	651.3	790.3	645.0
Sorghum grain.....	144.4	103.7	22.6	89.2	114.2	107.6
Barley.....	45.8	26.7			22.1	18.3
Oats.....	3					
Wheat.....	36.9	26.2			71.6	62.5
Cotton.....		284.7	323.3	144.7	126.4	124.9
<b>Total.....</b>	<b>987.6</b>	<b>1,020.3</b>	<b>648.0</b>	<b>885.2</b>	<b>1,014.6</b>	<b>858.3</b>
<b>Price support:</b>						
Corn.....	333.9	440.0	428.5	514.4	584.9	583.1
Sorghum grain.....	80.5	116.1	113.9	113.9	119.1	129.3
Barley.....	16.8	20.6			22.9	26.5
Cotton.....	69.3	489.4	611.7	638.8	796.8	889.9
Sugar (cane and beet).....	83.2	81.7	81.0	89.3	89.6	86.4
Wool.....	34.2	26.2	57.7	54.4	50.3	62.8
Mohair.....	2.0	6.5	11.5	10.6	1.9	7.8
<b>Total.....</b>	<b>619.9</b>	<b>1,189.5</b>	<b>1,304.3</b>	<b>1,421.4</b>	<b>1,666.5</b>	<b>1,785.8</b>
<b>Wheat marketing certificate.....</b>	<b>472.3</b>	<b>655.2</b>	<b>727.1</b>	<b>746.0</b>	<b>784.3</b>	<b>808.5</b>
<b>Total programs:</b>						
Corn.....	1,094.1	1,028.0	730.6	1,165.7	1,365.2	1,228.1
Sorghum grain.....	224.9	219.8	138.5	203.1	238.3	236.9
Barley.....	62.6	47.3			46.0	44.8
Oats.....	3					
Wheat.....	509.2	681.4	727.1	746.0	855.9	871.0
Cotton.....	69.3	774.1	935.0	783.5	823.2	914.8
Sugar (cane and beet).....	83.2	81.7	81.0	89.3	89.6	86.4
Wool.....	34.2	26.2	57.7	54.4	50.3	62.8
Mohair.....	2.0	6.5	11.5	10.6	1.9	7.8
<b>Grand total.....</b>	<b>2,079.8</b>	<b>2,865.0</b>	<b>2,679.4</b>	<b>3,052.6</b>	<b>3,465.4</b>	<b>3,452.6</b>

<sup>1</sup> Preliminary. <sup>2</sup> Program in effect for small farms only.Agricultural Stabilization and Conservation Service. Data for 1961-64 in *Agricultural Statistics, 1967*, table 760.

Table 761.—Cropland acreage withheld from production under specified programs, United States, 1956-71

Year	Program											Total <sup>2</sup>
	Acreage reserve	Conservation reserve	Feed grain					Wheat	Cotton	Cropland conversion	Cropland adjustment <sup>1</sup>	
			Corn	Sorghum grain	Barley	Oats	Total					
	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres	Million acres
1956.....	12.2	1.4										13.6
1957.....	21.4	6.4										27.8
1958.....	17.2	9.9										27.1
1959.....		22.5										22.5
1960.....		28.7										28.7
1961.....		28.5	19.1	6.1			25.2					53.7
1962.....		25.8	20.3	5.5	2.4		28.2	10.7				64.7
1963.....		24.3	17.2	4.6	2.7		24.5	7.2		0.1		56.1
1964.....		17.4	22.2	6.5	3.7		32.4	5.1	<sup>4</sup> 0.5	.1		55.5
1965.....		14.0	24.0	7.0	3.7	0.1	34.8	7.2	<sup>4</sup> 1.0	.4		57.4
1966.....		13.3	23.7	7.3	3.7	( <sup>5</sup> )	34.7	8.3	4.6	.4	2.0	63.3
1967.....		11.0	16.2	4.1			20.3		4.9	.6	4.0	40.8
1968.....		9.2	25.4	7.0			32.4		3.3	.5	3.9	49.3
1969.....		3.4	27.2	7.5	4.4		39.1	11.1		.5	3.9	58.0
1970.....		.1	26.1	7.4	3.9		37.4	15.7		( <sup>6</sup> )	3.8	57.0
1971 <sup>2</sup> .....		( <sup>6</sup> )	<sup>4</sup> 14.4	<sup>4</sup> 4.2			18.6	13.7	2.0	( <sup>6</sup> )	3.4	37.7

<sup>1</sup> State detail is available in *Agricultural Statistics, 1968*. <sup>2</sup> Total diverted, including acreage devoted to substitute crops. <sup>3</sup> Not required to be put to conserving uses. <sup>4</sup> Less than 50,000 acres. <sup>5</sup> Projected estimates. <sup>6</sup> Based on 1971 intended enrollment.

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Table 762.—Feed Grain and Wheat Programs: Participation, acreage diverted, and payments earned, United States, 1968-70

Item	Unit	1968 Program				1969 Program				1970 Program <sup>1</sup>			
		Feed Grain			Wheat	Feed Grain			Wheat	Feed Grain			Wheat
		Corn	Sorghum grain	Total		Corn	Sorghum grain	Barley	Total	Corn	Sorghum grain	Barley	Total
Number of farms: <sup>2</sup>	Thousands...	2,771	514	3,022	1,692	2,790	514	475	3,182	2,737	517	473	3,131
With feed grain base or wheat allotment...	do.	1,291	300	1,427	803	1,378	311	266	1,588	1,350	308	264	1,538
Participating <sup>3</sup> ...	do.												
Base or allotment acreage:													
Total <sup>4</sup> ...	Million acres...	90.4	24.7	115.1	59.3	90.4	24.7	18.0	133.1	90.4	24.7	18.0	133.1
On participating farms...	do.	55.2	16.9	72.1	50.6	58.8	17.8	11.9	88.5	57.4	17.8	12.1	87.3
Percent on participating farms...	Percent...	61	68	63	85	65	72	66	66	63	72	67	66
Acreage diverted:													
Total <sup>4</sup> ...	Million acres...	25.4	7.0	32.4	---	27.2	7.5	4.4	39.1	26.1	7.4	3.9	37.4
As percent of base or allotment...	Percent...	28	28	28	---	30	30	24	29	29	30	22	28
Base or allotment on participating farms...	do.	46	41	45	---	46	42	37	44	45	42	32	43
Acreage planted:													
Total <sup>4</sup> ...	Million acres...	65.1	18.0	83.1	62.5	64.3	17.4	10.2	91.9	67.2	17.3	10.4	94.9
On participating farms...	do.	27.3	9.0	36.3	56.8	29.0	8.4	3.6	41.0	29.2	8.5	3.7	41.4
Percent on participating farms...	Percent...	42	50	44	81	45	48	35	45	43	49	36	44
Payments earned:													
Total <sup>4</sup> ...	Million dollars...	1,165	203	1,368	746	1,365	223	46	1,644	1,228	237	45	1,510
Diversion...	do.	651	89	740	---	780	114	22	916	645	108	18	771
Price support...	do.	514	114	628	*746	585	119	24	728	583	129	27	739

<sup>1</sup> Preliminary.<sup>2</sup> Total farms are not the sum of the farms by kinds of feed grain since individual farms may produce more than one.<sup>3</sup> Includes all farms earning a diversion, price support, or substitute crop payment and farms diverting to substitute crops for which there was no diversion payment.<sup>4</sup> Based on 1969 and 1960 averages, including acreage in the Conservation Reserve.

Program and proven acreage.

<sup>5</sup> Computed on the basis of acreages diverted for payment plus estimated feed grain acreages diverted at the 20 percent level without payment.<sup>6</sup> Certificates earned.

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## 554 STABILIZATION AND PRICE-SUPPORT PROGRAMS, 1971

Table 763.—Cotton, Feed Grain, and Wheat Programs: Diversion and price-support payments, by States, crop years 1969 and 1970

State and division	Wheat Program				Feed Grain Program				Cotton Program	
	Diversion		Wheat certificate		Diversion		Price support		Price support	
	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	1	1	2		78	65	3	1		
New Hampshire.....					51	51	2	1		
Vermont.....					182	161	9	12		
Massachusetts.....	(1)				84	73	4	4		
Rhode Island.....					4	3				
Connecticut.....					175	145	10	12		
New York.....	2,438	2,379	4,279	4,198	9,159	7,825	1,602	1,476		
New Jersey.....	169	191	679	580	2,066	2,166	506	499		
Pennsylvania.....	2,100	1,995	4,479	4,190	11,432	10,379	2,543	2,612		
North Atlantic.....	4,738	4,466	9,339	8,978	23,861	20,888	4,679	4,617		
Ohio.....	2,352	1,995	23,826	22,296	40,970	32,420	23,065	21,336		
Indiana.....	1,679	1,381	17,845	16,366	63,903	48,576	40,331	37,369		
Illinois.....	1,025	956	26,916	26,116	66,795	47,660	90,197	82,062	130	129
Michigan.....	6,654	4,911	16,696	15,612	27,969	24,259	8,979	8,965		
Wisconsin.....	167	160	531	490	30,389	27,675	13,966	14,353		
Minnesota.....	1,402	986	13,255	14,315	69,985	50,996	70,337	69,076		
Iowa.....	51	20	805	786	104,788	81,082	142,008	141,437		
Missouri.....	3,899	3,367	20,924	20,276	62,167	55,311	35,646	38,366	18,744	21,928
North Dakota.....	5,401	5,399	107,640	117,266	17,746	16,353	15,432	16,823		
South Dakota.....	3,242	4,002	29,793	33,847	21,110	16,862	27,132	27,074		
Nebraska.....	1,208	1,241	44,284	46,942	54,823	46,237	86,457	93,228		
Kansas.....	5,500	3,180	145,417	143,959	31,558	26,329	40,172	43,780	(1)	(1)
North Central.....	31,830	27,598	447,932	460,281	592,213	476,770	593,744	593,669	19,874	22,087
Delaware.....	44	24	364	355	1,007	670	383	314		
Maryland.....	303	271	1,611	1,753	3,790	3,325	1,322	1,044		
Virginia.....	1,043	930	2,043	1,955	8,171	7,444	1,876	1,545	301	290
West Virginia.....	87	73	156	140	1,084	919	152	136		
North Carolina.....	2,523	2,248	2,674	2,562	33,413	25,440	7,712	7,092	11,238	11,526
South Carolina.....	1,400	1,220	1,339	1,243	11,984	10,469	2,820	2,934	28,096	30,585
Georgia.....	945	795	930	901	24,468	22,694	10,162	10,886	32,729	34,919
Florida.....	34	28	136	120	5,666	4,948	2,235	2,248	870	913
South Atlantic.....	6,379	5,589	9,253	9,029	89,553	75,909	26,662	26,999	73,234	78,233
Kentucky.....	684	603	1,857	1,797	33,364	28,701	6,190	6,266	412	445
Tennessee.....	728	652	1,232	1,202	25,082	22,022	3,747	3,670	30,855	23,057
Alabama.....	216	177	385	379	21,114	18,127	3,635	3,418	42,630	45,044
Mississippi.....	131	81	476	453	13,006	11,353	1,588	1,522	106,801	119,403
Arkansas.....	80	62	1,178	1,071	2,750	2,443	198	243	71,350	78,277
Louisiana.....	20	17	373	329	2,553	2,361	304	336	33,305	39,191
Oklahoma.....	5,115	4,521	63,726	64,951	10,350	10,908	3,846	4,574	21,000	23,505
Texas.....	8,273	7,606	45,946	49,500	66,034	69,302	58,717	67,068	266,522	304,534
South Central.....	15,247	13,719	115,173	119,682	174,223	165,217	78,226	87,097	572,895	643,456
Montana.....	1,562	1,922	61,806	65,467	2,596	2,730	2,132	3,027		
Idaho.....	1,674	1,829	29,125	31,222	1,423	1,162	1,014	1,046		
Wyoming.....	215	260	3,244	3,600	568	584	273	334		
Colorado.....	3,720	1,588	29,206	29,040	11,710	10,165	8,205	8,723		
New Mexico.....	2,451	2,198	5,691	6,296	6,922	6,602	5,424	5,983	12,590	13,602
Arizona.....	253	205	831	675	2,028	1,949	1,298	1,441	37,843	42,666
Utah.....	382	390	4,312	4,552	860	684	369	373		
Nevada.....	77	67	366	399	87	30	7	12	316	346
Washington.....	790	855	47,124	48,594	1,383	1,148	496	500		
Oregon.....	1,019	796	15,859	15,905	1,376	1,158	591	548		
California.....	1,173	1,031	5,072	5,037	7,813	5,876	4,773	4,491	80,045	89,501
Western.....	13,346	11,141	202,636	210,487	36,716	32,058	24,582	26,538	130,794	146,115
United States <sup>1</sup> .....	71,541	62,511	784,336	808,450	916,565	770,840	727,894	738,920	796,795	889,864

<sup>1</sup> \$500 or less.<sup>2</sup> Totals may not add due to rounding.

Agricultural Stabilization and Conservation Service.

Table 764.—Acreage allotments: Acreage, by crops, United States, 1954-71<sup>1</sup>

Crop year	Wheat <sup>2</sup>	Corn (commercial area) <sup>3</sup>	Cotton <sup>4</sup>		Peanuts <sup>4</sup>	Rice <sup>4</sup>	Tobacco	
			Upland	Extra-long staple			Flue-cured <sup>5</sup>	Burley <sup>6</sup>
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1954.....	62,000	46,996	21,375	41	1,610	1,033	1,033	309
1955.....	55,000	49,843	18,113	46	1,731	1,928	1,007	309
1956.....	55,000	42,281	17,391	45	1,650	1,653	888	309
1957.....	55,000	37,289	17,585	89	1,611	1,653	711	309
1958.....	55,000	39,818	17,555	83	1,612	1,653	712	309
1959.....	55,000	( <sup>7</sup> )	17,330	71	1,612	1,653	713	309
1960.....	55,000	-----	17,525	65	1,612	1,653	713	309
1961.....	55,000	-----	18,458	64	1,612	1,653	714	329
1962.....	55,000	-----	18,102	100	1,613	1,818	745	349
1963.....	55,000	-----	16,250	150	1,612	1,818	708	349
1964.....	49,500	-----	16,200	112	1,613	1,818	638	316
1965.....	49,500	-----	16,200	78	1,613	1,819	607	287
1966.....	47,800	-----	16,200	81	1,613	2,001	607	250
1967.....	68,195	-----	16,200	70	1,613	2,001	607	250
1968.....	59,300	-----	16,200	70	1,613	2,401	608	250
1969.....	61,600	-----	16,027	80	1,612	2,161	608	250
1970.....	45,500	-----	16,939	78	1,613	1,836	578	281
1971.....	19,701	-----	11,500	118	1,613	1,836	578	( <sup>7</sup> )

<sup>1</sup> National acreage allotments proclaimed by the Secretary of Agriculture under the Agricultural Adjustment Act of 1938, as amended. In most years, allotments were accompanied by marketing quotas.

<sup>2</sup> Excludes increases in allotments granted under special legislation, as for durum for years 1954-57 and 1962, and for small wheat farms, 1964-66.

<sup>3</sup> The commercial corn area included the following number of counties: 1954, 834; 1955, 805; 1956, 840; 1957, 894; and 1958, 932.

<sup>4</sup> Adjusted in certain years to include increases granted under special legislation.

<sup>5</sup> Totals of individual allotments. Beginning 1956, flue-cured allotments shown are before adjustments for undermarketings and overmarketings the previous year. Allotments are also proclaimed for types other than flue-cured and burley.

<sup>6</sup> Suspended and replaced by 51-million-acre base acreage.

<sup>7</sup> Corn allotments abolished after referendum held Nov. 25, 1958.

<sup>8</sup> Marketing quotas voted out for 1964 and have not been in effect in succeeding years.

<sup>9</sup> Acreage allotments discontinued.

Agricultural Stabilization and Conservation Service. Data for 1938-53 in *Agricultural Statistics, 1967*, table 762.

Table 765.—Farm allotments: Number established, by crops, United States, 1954-71

Crop year	Wheat	Corn (commercial area)	Cotton		Peanuts	Rice	Tobacco	
			Upland	Extra-long staple			Flue-cured	Burley
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1954.....	1,496	1,868	1,003	6	130	18	214	317
1955.....	1,525	1,816	981	6	119	18	213	307
1956.....	1,554	1,687	963	5	119	17	211	301
1957.....	1,570	1,767	953	5	116	17	211	301
1958.....	1,710	1,832	957	5	117	17	209	302
1959.....	1,707	-----	950	5	118	17	207	303
1960.....	1,710	-----	946	5	116	16	205	302
1961.....	1,670	-----	931	5	111	15	203	301
1962.....	1,646	-----	893	5	108	15	202	301
1963.....	1,654	-----	775	4	98	14	201	300
1964.....	1,728	-----	708	4	94	14	198	299
1965.....	1,715	-----	677	4	92	14	193	295
1966.....	1,703	-----	638	4	90	14	192	295
1967.....	1,692	-----	618	4	89	13	194	288
1968.....	1,692	-----	599	4	88	13	194	285
1969.....	1,692	-----	595	4	87	13	194	283
1970.....	1,651	-----	587	4	85	13	194	282
1971 <sup>1</sup> .....	1,531	-----	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	194	285

<sup>1</sup> Preliminary.

<sup>2</sup> Not available.

Agricultural Stabilization and Conservation Service. Data for 1938-53 in *Agricultural Statistics, 1967*, table 764.

Table 766.—Farm allotments: Number established, by crops and States, 1969 and 1970

State	Wheat		Cotton				Peanuts		Rice		Tobacco			
			Upland		Extra-long staple						Flue-cured		Burley	
	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970	1969	1970
New England States.....	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands	Thou- sands
New England States.....	0.2	0.2												
New York.....	32.3	34.2												
New Jersey.....	4.2	4.2												
Pennsylvania.....	72.0	71.0												
North Atlantic.....	108.9	107.2												
Ohio.....	133.1	129.7												
Indiana.....	117.3	115.7												
Michigan.....	111.6	108.4	0.1	0.1										
Wisconsin.....	10.5	10.6												
Minnesota.....	63.2	60.9												
Iowa.....	12.9	12.8												
Missouri.....	123.8	119.8	12.6	12.3			(1)	(1)	0.1	0.1				
North Dakota.....	68.4	66.2												
South Dakota.....	41.5	39.4												
Nebraska.....	41.5	39.4												
Kansas.....	142.6	137.8	(1)	(1)										
North Central.....	1,028.9	996.6	12.7	12.4			(1)	(1)	.1	.1			20.9	20.8
Delaware.....	1.5	1.5												
Maryland.....	13.1	13.0												
Virginia.....	43.0	42.4	3.6	3.4			6.5	6.2			21.6	21.2	16.4	16.3
West Virginia.....	82.9	83.8												
North Carolina.....	35.9	35.4	53.3	57.5			15.0	15.0	(1)	(1)	115.4	115.3	17.4	17.4
South Carolina.....	20.7	21.1	51.3	51.0	(1)	(1)	26.0	25.6	(1)	(1)	24.4	24.5	(1)	(1)
Georgia.....	1.3	1.3	4.2	4.1	(1)	(1)	4.7	4.6	(1)	(1)	7.0	6.9	.2	.2
Florida.....	1.3	1.3												
South Atlantic.....	202.9	203.1	166.7	164.7	(1)	(1)	53.0	52.2	(1)	(1)	194.1	193.6	38.3	38.2

Kentucky.....	23.2	23.3	43.2	5.5	42.5	.1	13.7	.1	(1)	.3	135.6	135.8
Tennessee.....	26.7	30.1	80.1	78.5	62.8	14.1	13.1	.1	.2	.3	88.0	87.2
Alabama.....	7.0	3.2	63.5	62.8	35.0	.1	.1	.1	4.5	.1	(1)	(1)
Mississippi.....	14.2	13.9	35.7	35.0	21.9	(1)	.1	.1	4.5	.1	(1)	(1)
Arkansas.....	1.3	1.3	22.3	21.9	12.5	7.3	7.1	.1	4.8	.1	(1)	(1)
Louisiana.....	74.9	72.2	28.9	28.5	12.5	11.7	11.5	.1	1.8	.1	(1)	(1)
Oklahoma.....	68.0	67.4	128.0	128.5	1.2	1.2	1.2	.1	2.0	.1	(1)	(1)
Texas.....	221.5	218.5	400.2	394.1	1.2	1.2	33.4	32.6	11.6	.3	223.7	223.1
South Central.....	22.7	21.9										
Montana.....	26.7	25.3										
Idaho.....	3.3	3.3										
Wyoming.....	21.6	22.6										
Colorado.....	1.1	1.1										
New Mexico.....	1.1	1.1										
Arizona.....	10.6	10.0										
Utah.....	10.6	10.0										
Nevada.....	16.6	15.9										
Washington.....	15.3	14.4										
Oregon.....	6.3	6.5										
California.....	120.3	126.0	15.8	15.7	2.7	2.5	.4	.4	1.3	1.2	193.9	194.4
Western.....	1,691.5	1,651.4	595.4	586.9	3.9	3.7	86.8	85.2	13.0	12.6	282.9	282.1
United States.....												

1 Less than 50 allotments.

Agricultural Stabilization and Conservation Service.



Table 767.—Conservation Reserve: Status of the Program, by States, as of Jan. 1, 1971

State	Contracts in effect as of Jan. 1, 1971 <sup>1</sup>	Acreage under con- tract as of Jan. 1, 1971 <sup>2</sup>	Acreage to be released as of Dec. 31	
			1971	1972 <sup>3</sup>
	Number	Acres	Acres	Acres
Maine.....	120	3,871	3,871	.....
New Hampshire.....	4	99	99	.....
Vermont.....	3	75	75	.....
Massachusetts.....	1	27	27	.....
New York.....	32	1,641	1,485	156
North Atlantic.....	160	5,713	5,567	156
Illinois.....	1	158	158	.....
Wisconsin.....	10	193	171	22
Minnesota.....	22	1,614	1,384	230
Missouri.....	1	276	.....	276
North Central.....	34	2,241	1,693	548
Alabama.....	1	68	68	.....
Mississippi.....	2	164	164	.....
South Central.....	3	232	232	.....
Oregon.....	1	12	12	.....
Western.....	1	12	12	.....
United States.....	198	8,198	7,494	704

<sup>1</sup> Net number of farms with contracts.<sup>2</sup> Adjusted to Jan. 1, 1971, for expirations, terminations, and releases.<sup>3</sup> Program terminates Dec. 31, 1972.

Agricultural Stabilization and Conservation Service.

Table 768.—Fruit, vegetable, and tree nut marketing agreement and order programs, in effect during fiscal year 1971

Orders	Estimated number of commercial producers	Farm values
	Number	1,000 dollars
<b>Citrus fruits:</b>		
California and Arizona Navel and miscellaneous oranges.....	4,600	73,332
California and Arizona Valencia oranges.....	4,600	60,652
California and Arizona Desert grapefruit.....	600	10,348
California and Arizona lemons.....	2,350	81,816
Florida oranges, grapefruit, tangerines, and tangelos.....	15,600	408,544
Florida Indian River grapefruit.....	(1)	(1)
Florida Interior grapefruit.....	(1)	(1)
Florida Interior oranges.....	(1)	(1)
Florida limes.....	500	2,168
Texas oranges and grapefruit.....	4,000	25,703
<b>Deciduous fruits:</b>		
California Bartlett pears, plums, and Elberta-type peaches.....	8,220	64,904
California nectarines.....	1,250	10,032
California olives.....	1,500	10,600
California Tokay grapes.....	1,200	7,700
Colorado peaches.....	800	1,636
Florida avocados.....	600	5,445
Georgia peaches.....	350	14,144
Idaho and Oregon prunes.....	250	1,165
Utah peaches.....	1,000	826
Washington apricots.....	1,000	876
Washington sweet cherries.....	1,000	10,320
Washington peaches.....	1,500	3,036
Washington, Oregon, and California winter pears.....	1,800	14,199
Washington and Oregon Bartlett pears.....	2,000	16,361
Washington and Oregon prunes.....	1,000	1,871
Cranberries.....	1,300	33,390
Tart cherries.....	2,300	16,305
Hawaiian papayas.....	165	2,521
<b>Dried fruits:</b>		
California dates.....	100	2,821
California dried prunes.....	4,500	43,200
California raisins.....	4,600	53,947
<b>Vegetables:</b>		
Florida celery.....	47	19,941
Florida tomatoes.....	300	71,180
Idaho and eastern Oregon onions.....	295	10,246
Texas lettuce.....	100	5,696
South Texas onions.....	295	11,655
Texas tomatoes.....	200	2,607
<b>Potatoes:</b>		
Colorado.....	739	20,385
Idaho and eastern Oregon.....	3,800	150,714
Maine.....	1,800	64,280
New England, except Maine.....	600	10,755
Oregon and Northern California.....	850	24,226
Southeastern States (Virginia-North Carolina).....	420	16,965
Washington.....	700	50,385
<b>Nuts:</b>		
California almonds.....	6,954	77,568
Oregon, Washington, and California walnuts.....	9,000	53,052
Oregon and Washington filberts.....	1,600	4,903
<b>Peanuts<sup>1</sup></b>	85,000	384,779
Washington, Oregon, Idaho, and California hops.....	225	25,661
<b>Total (49 orders).....</b>		1,962,762

<sup>1</sup> Included under Florida oranges, grapefruit, tangerines, and tangelos.<sup>2</sup> Marketing agreement only; covers States of Alabama, Florida, Georgia, Mississippi, South Carolina, Arizona, Arkansas, California, Louisiana, New Mexico, Oklahoma, Texas, Missouri, North Carolina, Tennessee, and Virginia.

Consumer and Marketing Service.

## CHAPTER XII

# AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS

Statistics in this chapter concern conservation of various resources, particularly soil, water, and timber. Forestry statistics include acres of private and public-owned forest land, timber production, imports and exports, pulpwood consumption and paper and board production, area burned over by forest fires, livestock grazing, and recreational use of national forest lands. Data on production, supply, and distribution of naval stores are included because of their close association with forestry statistics.

Six tables on forestry showing data for forest land, timber volume, timber drain, and timber cut and growth have been dropped as no new data are available. The table numbers as they appear in the 1970 issue are as follows: 769, 770, 771, 772, 773, and 774.

**Table 769.—Agricultural Conservation Program: Assistance to farmers for carrying out conservation practices, United States and Caribbean area, by program years, 1954-70**

Program year	Regular program <sup>1</sup>	Supplemental (emergency practices)	Total <sup>1</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1954.....	139,275	7,678	146,951
1955.....	187,267	5,338	192,605
1956.....	214,337	7,696	222,033
1957.....	215,111	1,040	216,151
1958.....	215,868	4,028	219,896
1959.....	209,123	1,176	210,299
1960.....	213,187	302	213,489
1961.....	226,971	8,921	235,892
1962.....	218,961	2,061	221,012
1963.....	214,254	4,332	218,606
1964.....	215,067	6,837	221,904
1965.....	217,169	14,291	231,460
1966.....	211,125	6,680	217,805
1967.....	222,170	4,263	226,433
1968.....	200,252	9,296	209,547
1969.....	185,945	7,541	193,285
1970.....	181,186	8,536	189,722

<sup>1</sup> Includes assistance under the Naval Stores Conservation Program. Excludes administrative expenses. Totals from unrounded data.

Agricultural Stabilization and Conservation Service. Data for 1936-53 in *Agricultural Statistics, 1967*, table 766.

Table 770.—Agricultural Conservation Program: Number of participating farms and assistance, by States and Caribbean area, 1970 program year

State or Territory and division	Participating farms	Acreage served	Assistance				Emergency conservation measures	
			Regular ACP	Supplemental (emergency practices)	Naval stores	Total gross assistance	Participating farms	Acreage served
	Number	1,000 acres	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	Number	1,000 acres
Maine.....	4,732	101	1,004	268	1,272	613	17	
New Hampshire.....	1,673	29	464		464			
Vermont.....	4,483	122	1,023		1,023			
Massachusetts.....	1,849	34	473		473			
Rhode Island.....	385	8	60		60			
Connecticut.....	2,183	45	378		378			
New York.....	18,570	516	4,296	117	4,413	120	7	
New Jersey.....	2,607	125	590		590			
Pennsylvania.....	12,320	299	3,955		3,955			
North Atlantic.....	48,802	1,279	12,243	385	12,628	733	24	
Ohio.....	19,538	476	4,789	10	4,799	25	1	
Indiana.....	22,609	575	4,891	53	4,944	202	2	
Illinois.....	22,896	883	7,278	97	7,375	185	8	
Michigan.....	17,164	520	3,906		3,906			
Wisconsin.....	15,221	385	4,745	12	4,757	33	1	
Minnesota.....	21,991	1,121	5,860	16	5,876	71	12	
Iowa.....	45,532	1,026	8,265	135	8,400	380	22	
Missouri.....	51,161	953	7,552		7,552			
North Dakota.....	26,567	2,750	4,221	2	4,223	11	( <sup>a</sup> )	
South Dakota.....	17,953	1,465	3,721	15	3,736	35	5	
Nebraska.....	12,567	1,129	5,137		5,137			
Kansas.....	16,607	1,109	6,414	4	6,418	10	1	
North Central.....	287,806	12,392	66,779	344	67,123	952	52	
Delaware.....	897	67	237		237			
Maryland.....	4,653	176	1,040		1,040			
Virginia.....	36,114	655	3,855	1,741	5,596	1,829	45	
West Virginia.....	15,055	130	1,512	117	1,629	176	3	
North Carolina.....	71,303	721	5,731		5,731			
South Carolina.....	14,947	493	3,185		3,185			
Georgia.....	26,493	603	5,553	28	5,581	33	1	
Florida.....	11,277	645	3,360	559	3,956	582	182	
South Atlantic.....	180,739	3,490	24,473	2,445	27,185	2,620	231	
Kentucky.....	31,881	595	5,444	44	5,488	142	3	
Tennessee.....	43,005	713	4,832	392	5,224	732	37	
Alabama.....	20,734	589	4,599		4,614			
Mississippi.....	37,673	946	5,162	1,916	7,090	2,760	160	
Arkansas.....	18,180	686	4,187		4,187			
Louisiana.....	14,245	507	3,275	185	3,460	421	17	
Oklahoma.....	28,574	1,144	6,098	152	6,250	578	49	
Texas.....	63,027	6,005	16,685	824	17,509	2,679	258	
South Central.....	252,319	11,185	50,282	3,513	53,822	7,312	524	
Montana.....	6,618	2,874	4,266	2	4,268	4	( <sup>a</sup> )	
Idaho.....	6,963	746	2,014		2,014			
Wyoming.....	3,342	915	1,756	383	2,139	215	67	
Colorado.....	7,858	1,570	3,719	1	3,720	1	( <sup>a</sup> )	
New Mexico.....	4,405	1,220	2,150	34	2,184	606	4	
Arizona.....	1,641	871	1,525	216	1,741	210	96	
Utah.....	4,959	640	1,128		1,128			
Nevada.....	617	99	646	5	651	4	1	
Washington.....	6,360	763	2,385	31	2,416	41	1	
Oregon.....	5,060	548	2,294	281	2,575	343	18	
California.....	6,447	683	4,270	889	5,159	767	96	
Western.....	54,279	10,929	26,153	1,842	27,995	2,191	283	
United States.....	823,945	39,275	179,930	8,529	188,753	13,808	1,114	
Alaska.....	75	4	51		51			
Hawaii.....	181	28	132	5	137	2	( <sup>a</sup> )	
Puerto Rico.....	14,941	92	769		769			
Virgin Islands.....	19	1	11		11			
Insular.....	15,216	125	963	5	968	2	( <sup>a</sup> )	
Total.....	839,161	39,400	180,893	8,534	189,721	13,810	1,114	

See footnotes on page 563.

## 562 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1971

Table 771.—Agricultural Conservation Program: Selected conservation practices performed, by States and Caribbean area, 1970 program

State or Territory and division	Establishing sod waterways (acreage served)	Standard terraces (acreage served)	Diversion and spreader terraces (acreage served)	Establishing permanent cover	Improving established permanent cover	Establishing temporary protective cover	Tree planting	Timber stand improvement
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres	1,000 acres
Maine.....	1		1	35	28	3	1	1
New Hampshire.....	(1)		(1)	5	6	2	(1)	5
Vermont.....	(1)		(1)	22	80	(1)	(1)	5
Massachusetts.....	(1)		(1)	5	9	14	(1)	3
Rhode Island.....	(1)		(1)	(1)	1	6	(1)	(1)
Connecticut.....	(1)		(1)	3	6	25	1	1
New York.....	1	(1)	2	64	90	67	7	8
New Jersey.....	(1)		(1)	12	77	77	(1)	1
Pennsylvania.....	10	1	7	96	72	23	4	3
Ohio.....	16	(1)	1	31	30	43	2	3
Indiana.....	22	2	1	37	18	301	2	3
Illinois.....	203	6	8	47	17	89	1	2
Michigan.....	2	(1)	(1)	84	15	220	8	5
Wisconsin.....	24	1	3	145	31	15	10	10
Minnesota.....	33	2	3	97	(1)	56	7	(1)
Iowa.....	175	37	7	84	38	3	1	(1)
Missouri.....	45	26	7	404	80	79	1	5
North Dakota.....	42	(1)	4	153	4	315	6	(1)
South Dakota.....	18	9	13	280	5	119	5	(1)
Nebraska.....	108	86	15	91	20	17	2	(1)
Kansas.....	179	225	11	59	65	2	(1)	(1)
Delaware.....	(1)		(1)	1	2	48	(1)	(1)
Maryland.....	1		(1)	7	25	72	3	1
Virginia.....	1	(1)	(1)	27	203	177	18	2
West Virginia.....	(1)		(1)	6	77	1	1	6
North Carolina.....	3	1	(1)	81	144	426	11	1
South Carolina.....	1	4	(1)	96	124	203	8	9
Georgia.....	7	6	(1)	152	51	248	7	21
Florida.....	2	4	(1)	99	97	178	5	2
Kentucky.....	7	(1)	2	222	216	15	2	1
Tennessee.....	7	(1)	2	333	92	102	2	1
Alabama.....	10	8	5	138	130	175	8	4
Mississippi.....	(1)	(1)	2	60	370	186	6	4
Arkansas.....		(1)	(1)	82	113	217	3	6
Louisiana.....		(1)	(1)	57	95	190	10	6
Oklahoma.....	72	59	32	187	107	71	(1)	1
Texas.....	57	46	23	396	875	285	2	1
Montana.....	3		11	120	302		1	3
Idaho.....	5		6	36			(1)	1
Wyoming.....	(1)	1	2	23		(1)	(1)	(1)
Colorado.....	2	3	11	37	30		(1)	(1)
New Mexico.....		1	10	3	7			1
Arizona.....			5	1	3			(1)
Utah.....	(1)	1	2	3	23		(1)	
Nevada.....				2	5		(1)	
Washington.....	15	1	3	49	82	13	1	3
Oregon.....			3	34	40	9	1	2
California.....	(1)	(1)	1	19	26		3	1
Alaska.....				(1)	(1)	(1)	(1)	(1)
Hawaii.....			(1)	2	9		(1)	(1)
Puerto Rico.....	(1)		(1)	(1)	(1)		(1)	(1)
Virgin Islands.....								
Total.....	1,065	530	216	4,028	3,890	4,012	150	132

See footnotes at end of table.

Table 771.—Agricultural Conservation Program: Selected conservation practices performed, by States and Caribbean area, 1970 program—Continued

State or Territory and division	Leveling irrigable land to control erosion and conserve water	Lining irrigation ditches (acreage served)	Drainage to permit conservation farming (acreage served)	Control of shrubs on range or pasture	Wells and springs for livestock water	Dams or reservoirs for erosion control, livestock, or irrigation	Wildlife ponds	Establishing shallow water areas for wildlife
	1,000 acres	1,000 acres	1,000 acres	1,000 acres	Number	Number	Number	Number
Maine.....			2			82	44	1
New Hampshire.....			( <sup>1</sup> )			38	52	6
Vermont.....			3		17	29	37	
Massachusetts.....			( <sup>1</sup> )	( <sup>1</sup> )		39	21	1
Rhode Island.....			( <sup>1</sup> )			6	13	6
Connecticut.....			( <sup>1</sup> )		4	29	59	11
New York.....			17		29	337	442	60
New Jersey.....			3	( <sup>1</sup> )		71	8	
Pennsylvania.....			16		475	190	142	5
Ohio.....			95	4	869	485	110	2
Indiana.....			105	5	322	471	307	18
Illinois.....					101	1,073	207	3
Michigan.....			44		3	154	336	144
Wisconsin.....			39	1	44	224	237	191
Minnesota.....			94			1,087	68	1,385
Iowa.....			90	9	883	1,325	37	4
Missouri.....	6		61		10	1,183	96	1
North Dakota.....	1	( <sup>1</sup> )	34	9	314	1,241	421	179
South Dakota.....		4		8	502	2,456	153	19
Nebraska.....	16	14	8	26	1,156	2,370	55	5
Kansas.....	20		14	54	433	2,198	30	
Delaware.....			3			14	17	8
Maryland.....			10		46	82	84	38
Virginia.....			7	6	130	326	99	
West Virginia.....			1	2	216	123	66	
North Carolina.....			27	( <sup>1</sup> )	5	397	1	
South Carolina.....			30		53	378	270	15
Georgia.....			20	( <sup>1</sup> )	739	585	280	1
Florida.....	1		17	4	159	118	291	3
Kentucky.....			22	6	547	1,214	12	
Tennessee.....	( <sup>1</sup> )		6	3	42	2,395	21	
Alabama.....			19		253	1,552	277	8
Mississippi.....	1		65		23	1,994	210	
Arkansas.....	2		57	5	36	2,223	39	
Louisiana.....	19		49	1	171	359	9	12
Oklahoma.....	2	2	4	85	530	4,088	10	
Texas.....	32	7	20	1,057	892	3,685		
Montana.....	11	27	12	23	635	474	20	9
Idaho.....	10	32	10	61	426	124	2	4
Wyoming.....	4	28	4	92	305	149	3	
Colorado.....	13	104	11	45	535	450	23	5
New Mexico.....	4	32	( <sup>1</sup> )	57	178	223	32	1
Arizona.....	10	60	( <sup>1</sup> )	38	49	89	3	
Utah.....	5	130	2	13	46	114	1	
Nevada.....	6	5	1	10	16	10	4	
Washington.....	2	11	8	10	101	150	24	18
Oregon.....	5	6	11	131	113	220	14	10
California.....	47	30	26	17	106	211	35	57
Alaska.....						5		
Hawaii.....		( <sup>1</sup> )		4	1	44		
Puerto Rico.....	( <sup>1</sup> )		( <sup>1</sup> )		88	42	1	
Virgin Islands.....				( <sup>1</sup> )	2			
Total.....	218	492	1,067	1,789	11,615	36,924	4,723	2,230

<sup>1</sup> 500 acres or less.

Agricultural Stabilization and Conservation Service.

## FOOTNOTES FOR TABLE 770

<sup>1</sup> Includes data for the Naval Stores Conservation Program and supplemental (emergency) practices.

<sup>2</sup> Includes emergency conservation measures.

<sup>3</sup> Less than 500 acres.

Agricultural Stabilization and Conservation Service.



Table 772.—Agricultural Conservation Program: Selected conservation practices performed, United States and Caribbean area, annual 1961-70, and total 1936-70

Practice	Unit	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	Total 1936-70
Constructing standard terraces (acres served).....	1,000 acres.....	689	694	651	594	738	708	573	608	615	531	31,842
Establishing sod waterways.....	do.....	45	43	42	37	43	62	57	40	37	35	1,122
Field stripcropping.....	do.....	7,520	5,741	5,079	2,603	3,214	3,432	3,017	2,706	1,725	1,620	127,503
Contour stripcropping.....	do.....	298	225	198	260	210	159	152	213	215	141	106,684
Control of shrubs on range or pasture.....	do.....	169	144	157	156	140	132	113	88	79	63	7,037
Tillage operations on range or pasture.....	do.....	2,209	1,978	1,963	1,669	1,821	1,879	2,064	1,757	1,912	1,789	61,363
Deviling irrigable land to control erosion.....	do.....	171	140	132	135	154	109	138	119	69	58	5,229
Establishing permanent vegetative cover (acres served).....	do.....	1,320	1,453	1,305	1,177	1,283	822	1,221	1,175	1,150	1,045	53,281
Establishing additional acreages of cover in crop rotations.....	do.....	2,824	2,809	2,775	3,373	5,064	4,816	5,358	4,187	3,970	4,028	51,099
Seeding annual cover and green manure crops.....	do.....	1,376	1,059	801	673	2,554	2,063	1,471	1,877	1,963	801	260,599
Improving annual cover and green manure crops.....	do.....	9,976	7,234	6,055	5,880	7,651	6,783	6,553	6,370	5,793	4,012	486,483
Improving established vegetative cover.....	do.....	1,964	1,923	2,002	2,274	5,604	5,260	5,381	4,210	4,036	3,890	126,011
Planting trees or shrubs.....	do.....	336	283	224	205	201	200	191	163	146	150	5,091
Improving a stand of timber.....	do.....	256	213	183	158	217	174	220	169	154	131	4,218
Establishing wildlife food plots or habitat.....	do.....	47,446	54,262	60,489	48,736	47,663	49,446	36,451	40,920	36,524	36,524	2,119,517
Constructing wildlife ponds.....	do.....	1,119	2,529	3,327	3,733	6,362	7,279	5,619	4,519	4,520	4,723	39,181
Installing wells for livestock water.....	do.....	12,633	8,506	9,813	9,790	8,075	8,590	9,670	8,506	7,725	8,005	273,802
Developing springs for livestock water.....	do.....	3,947	2,727	3,293	3,711	2,978	3,736	4,144	3,539	3,163	3,609	107,454
Mechanical protection of outlets, inlets, or water channels.....	do.....	14,065	16,378	15,005	14,197	10,773	10,805	10,313	11,666	10,221	9,427	173,169
Stream or shore protection.....	do.....	2,365	1,840	1,883	2,014	3,649	3,450	1,275	1,262	1,211	1,213	42,517

1 Number of farms.

cultural Statistics, 1967, table 771. Includes data with respect to emergency con-

servaion measures (supplemental) where applicable.

Agricultural Stabilisation and Conservation Service. Data for 1940-60 in Agri-

**Table 773.—Soil conservation districts: State and Territorial appropriations for district programs, year ending June 30, 1971**

State or Territory and division	Actual appropriations	State or Territory and division	Actual appropriations
	Dollars		Dollars
Maine.....	110,252	Florida.....	62,000
New Hampshire.....	127,600	South Atlantic.....	3,489,312
Vermont.....	117,438	Kentucky.....	334,970
Massachusetts.....	1,653,000	Tennessee.....	85,000
Rhode Island.....	2,500	Alabama.....	156,400
Connecticut.....	391,920	Mississippi.....	283,500
New York.....	2,554,225	Arkansas.....	374,576
New Jersey.....	1,031,000	Louisiana.....	1,255,204
Pennsylvania.....	1,762,300	Oklahoma.....	1,040,556
North Atlantic.....	7,750,235	Texas.....	643,313
Ohio.....	3,200,000	South Central.....	4,373,519
Indiana.....	800,560	Montana.....	203,200
Illinois.....	357,700	Idaho.....	347,095
Michigan.....	339,032	Wyoming.....	92,393
Wisconsin.....	504,173	Colorado.....	135,441
Minnesota.....	341,460	New Mexico.....	290,000
Iowa.....	948,930	Arizona.....	15,000
Missouri.....	165,465	Utah.....	788,555
North Dakota.....	179,653	Nevada.....	8,168
South Dakota.....	154,121	Washington.....	137,441
Nebraska.....	1,024,397	Oregon.....	191,816
Kansas.....	433,919	California.....	4,904,600
North Central.....	8,449,410	Western.....	7,113,211
Delaware.....	605,700	Alaska.....	1,500
Maryland.....	387,320	Hawaii.....	20,180
Virginia.....	386,125	Caribbean <sup>1</sup> .....	404,300
West Virginia.....	973,315	Total.....	31,601,667
North Carolina.....	299,679		
South Carolina.....	308,265		
Georgia.....	466,908		

<sup>1</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

**Table 774.—Soil conservation districts: Number organized each year, approximate total area and land in farms, United States and Territories 1954-70**

Year <sup>1</sup>	Number districts organized <sup>2</sup>		Total area in districts		Approximate land in farms within districts	
	Net increase for the year	Cumulative total	New districts and additions	Cumulative total	Added each year	Cumulative total
	Number	Number	1,000 acres	1,000 acres	1,000 acres	1,000 acres
1954 <sup>3</sup> .....	69	2,618	37,507	1,441,496	17,023	952,622
1955 <sup>4</sup> .....	56	2,674	43,478	1,484,974	22,333	974,945
1956 <sup>5</sup> .....	47	2,721	61,482	1,546,456	30,512	1,005,457
1957 <sup>6</sup> .....	49	2,770	50,535	1,596,991	14,620	<sup>7</sup> 1,020,077
1958 <sup>8</sup> .....	36	2,806	36,327	1,633,318	16,259	1,036,336
1959 <sup>9</sup> .....	55	2,861	28,660	1,661,968	17,317	1,053,653
1960 <sup>10</sup> .....	6	2,867	10,005	1,671,973	8,722	1,062,375
1961.....	33	2,900	17,632	1,689,605	-22,419	<sup>11</sup> 1,039,956
1962.....	29	2,929	16,174	1,705,779	4,759	1,044,715
1963.....	13	2,942	13,078	1,718,857	6,276	1,050,991
1964.....	29	2,971	20,351	1,739,208	8,562	1,059,553
1965.....	18	2,989	14,073	1,753,281	6,392	1,065,945
1966.....	6	2,995	15,711	1,768,992	8,212	1,074,157
1967.....	15	3,010	13,509	1,782,501	7,594	1,081,751
1968.....	2	3,012	15,971	1,798,472	-11,456	<sup>12</sup> 1,070,295
1969.....	5	3,017	8,066	1,806,538	5,596	1,075,891
1970.....	9	3,026	4,505	1,811,043	2,853	1,078,744

<sup>1</sup> Fiscal year, July 1 to June 30.<sup>2</sup> Totals at the end of each year are net, including corrections and adjustments made during the year.<sup>3</sup> Includes wind erosion districts, grazing districts, and Imperial Irrigation District (California).<sup>4</sup> Includes grazing districts and Imperial Irrigation District (California).<sup>5</sup> Adjusted to the 1954 Census of Agriculture.<sup>6</sup> Beginning 1959, includes grazing districts, Imperial Irrigation District (California), and Elephant Butte Irrigation District (New Mexico).<sup>7</sup> Adjusted to the 1959 Census of Agriculture.<sup>8</sup> Adjusted to the 1964 Census of Agriculture.Soil Conservation Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 773.

## 566 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1971

Table 775.—Soil conservation districts: Dates of State Laws, number of districts organized, approximate total area, number of farms, land in farms, and districts having memoranda of understanding with U.S. Department of Agriculture, cumulative to June 30, 1970

State or Territory and division	Date district law became effective	Districts organized <sup>1</sup>	Approximate area and farms within organized districts			Districts having memoranda of understanding with USDA <sup>2</sup>
			Total area	Farms (and ranches)	Land in farms	
		Number	1,000 acres	Thousands	1,000 acres	Number
Maine.....	Mar. 25, 1941	10	17,539	13	2,589	16
New Hampshire.....	May 10, 1945	10	5,769	3	903	10
Vermont.....	Apr. 18, 1939	14	5,931	10	2,563	14
Massachusetts.....	June 28, 1945	15	5,000	8	902	13
Rhode Island.....	Apr. 26, 1943	3	677	1	104	3
Connecticut.....	July 18, 1945	8	3,135	6	721	8
New York.....	July 20, 1940	56	30,288	66	12,269	56
New Jersey.....	July 1, 1937	15	4,813	11	1,156	13
Pennsylvania.....	July 2, 1937	65	28,457	83	10,788	64
North Atlantic.....		202	101,609	203	31,995	199
Ohio.....	June 5, 1941	88	24,957	120	17,593	88
Indiana.....	Mar. 11, 1937	91	22,315	107	17,660	91
Illinois.....	July 9, 1937	98	33,441	133	29,948	98
Michigan.....	July 23, 1937	94	35,522	92	13,448	84
Wisconsin.....	July 1, 1937	72	35,011	119	20,378	72
Minnesota.....	Apr. 26, 1937	91	50,655	130	31,026	89
Iowa.....	July 4, 1939	100	34,467	149	33,758	100
Missouri.....	July 23, 1943	92	35,605	122	26,270	92
North Dakota.....	Mar. 16, 1937	66	44,452	49	42,717	66
South Dakota.....	July 1, 1937	70	47,901	49	44,317	70
Nebraska.....	May 18, 1937	86	49,032	80	47,793	86
Kansas.....	Apr. 10, 1937	105	52,511	92	50,271	105
North Central.....		1,043	465,869	1,242	375,179	1,041
Delaware.....	Apr. 2, 1943	3	1,266	4	717	3
Maryland.....	June 1, 1937	24	6,270	21	3,181	24
Virginia.....	Apr. 1, 1938	34	25,481	80	12,002	31
West Virginia.....	June 12, 1939	14	15,411	24	5,279	14
North Carolina.....	Mar. 22, 1937	88	30,236	148	14,382	86
South Carolina.....	Apr. 17, 1937	45	19,380	56	5,101	45
Georgia.....	Mar. 23, 1937	27	37,263	83	17,857	27
Florida.....	June 10, 1937	60	30,728	41	14,693	60
South Atlantic.....		295	166,035	467	76,242	290
Kentucky.....	June 11, 1940	121	25,069	133	16,265	121
Tennessee.....	Mar. 10, 1939	95	26,478	133	15,266	95
Alabama.....	Mar. 18, 1939	67	32,678	93	15,226	67
Mississippi.....	Apr. 4, 1938	80	30,223	109	17,752	69
Arkansas.....	July 1, 1937	76	33,599	80	16,565	76
Louisiana.....	July 27, 1938	29	29,597	62	10,353	25
Oklahoma.....	May 15, 1937	87	44,180	89	36,078	87
Texas.....	Apr. 24, 1939	188	169,248	205	134,386	184
South Central.....		743	391,072	904	261,891	724
Montana <sup>3</sup> .....	Feb. 28, 1939	61	91,883	27	64,299	61
Idaho.....	Mar. 9, 1939	52	50,354	30	15,560	49
Wyoming.....	May 22, 1941	44	55,562	10	34,854	43
Colorado.....	May 6, 1937	93	60,020	34	39,808	92
New Mexico <sup>4</sup> .....	Mar. 17, 1937	52	69,457	21	59,251	52
Arizona.....	June 16, 1941	32	59,907	7	27,776	31
Utah.....	Mar. 23, 1937	41	51,217	16	12,137	40
Nevada.....	Mar. 30, 1937	37	69,485	3	11,384	37
Washington.....	Mar. 17, 1939	67	41,102	45	18,798	67
Oregon.....	Apr. 7, 1939	59	49,471	40	17,711	59
California <sup>5</sup> .....	June 26, 1938	190	73,064	97	27,094	155
Western.....		698	671,552	330	328,672	686
Alaska.....	Mar. 25, 1947	12	8,646	2	1,029	12
Hawaii.....	May 19, 1947	15	3,987	4	2,103	15
Puerto Rico.....	July 1, 1946	17	2,189	45	1,583	17
Virgin Islands.....	June 1946	1	84	1	40	1
Total.....		3,026	1,811,043	3,198	1,078,744	2,985

<sup>1</sup> For specific procedure on organization of soil conservation districts, reference should be made to each of the respective State soil conservation district laws. <sup>2</sup> Upon request, the U.S. Department of Agriculture enters into memoranda of understanding with districts for such assistance from the Departmental agencies as may be available. <sup>3</sup> Includes 3 State cooperative grazing districts. <sup>4</sup> Includes the Elephant Butte Irrigation District. <sup>5</sup> Includes the Imperial Irrigation District.

Soil Conservation Service.

Table 776.—Soil surveys: Total acreage mapped for conservation planning and other uses under all programs, by States and Territories, year ending June 30, 1970, and cumulative to June 30, 1970

State or Territory and division	Soil surveys for farm planning <sup>1</sup>		State or Territory and division	Soil surveys for farm planning <sup>1</sup>	
	Work during year ending June 30, 1970	Total to date		Work during year ending June 30, 1970	Total to date
	<i>Acres</i>	<i>Acres</i>		<i>Acres</i>	<i>Acres</i>
Maine.....	310,170	8,411,271	Kentucky.....	799,095	15,809,337
New Hampshire.....	137,553	2,798,869	Tennessee.....	599,732	18,073,787
Vermont.....	108,944	2,210,168	Alabama.....	725,110	12,071,040
Massachusetts.....	151,013	2,119,455	Mississippi.....	850,130	26,657,094
Rhode Island.....	25,928	321,734	Arkansas.....	1,373,805	18,505,286
Connecticut.....	152,746	2,160,549	Louisiana.....	744,239	9,499,332
New York.....	1,172,816	14,703,039	Oklahoma.....	984,302	37,505,826
New Jersey.....	130,531	3,377,480	Texas.....	5,616,846	108,540,582
Pennsylvania.....	1,259,530	19,775,747			
North Atlantic.....	3,459,931	56,878,912	South Central.....	11,995,919	239,967,284
Ohio.....	498,595	13,024,485	Montana.....	1,095,392	27,489,396
Indiana.....	557,951	12,889,057	Idaho.....	1,076,642	17,354,538
Illinois.....	672,350	14,636,125	Wyoming.....	550,283	8,449,920
Michigan.....	497,976	12,216,768	Colorado.....	1,481,336	24,795,531
Wisconsin.....	950,551	20,154,504	New Mexico.....	2,039,135	35,534,780
Minnesota.....	375,079	18,030,715	Arizona.....	553,433	14,152,906
Iowa.....	1,392,641	14,725,778	Utah.....	528,153	9,122,178
Missouri.....	682,291	13,910,599	Nevada.....	269,678	7,253,904
North Dakota.....	1,003,399	23,921,311	Washington.....	1,400,021	24,495,985
South Dakota.....	1,107,169	21,666,273	Oregon.....	594,119	16,427,692
Nebraska.....	1,568,000	27,060,664	California.....	1,326,423	37,997,086
Kansas.....	1,768,792	30,366,943	Western.....	11,924,630	223,076,204
North Central.....	11,384,844	222,623,022	Alaska.....	423,235	5,479,798
Delaware.....	43,226	1,265,930	Hawaii.....	130,749	1,722,323
Maryland.....	333,717	6,202,096	Caribbean.....		
Virginia.....	345,860	9,674,600	Total.....	43,199,121	837,265,619
West Virginia.....	325,242	9,463,537			
North Carolina.....	429,900	8,564,694			
South Carolina.....	807,307	10,734,026			
Georgia.....	1,195,663	25,290,868			
Florida.....	698,898	11,289,445			
South Atlantic.....	4,179,813	82,475,196			

<sup>1</sup> The National Cooperative Soil Survey of the Soil Conservation Service and cooperating agencies is designed to locate, classify, describe, and show on maps the different kinds of soil and make multiple-use interpretations of each kind of soil for town-and-country planning and for other purposes.

<sup>2</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 777.—Soil conservation practices:<sup>1</sup> Newly applied in soil conservation districts with Soil Conservation Service assistance, years ending June 30, 1966-70

Practice	Unit	1966	1967	1968	1969	1970
Contour farming.....	Acres.....	4,111,646	4,329,378	4,025,983	3,837,962	3,388,844
Conservation cropping systems.....	do.....	21,876,363	23,567,063	23,493,803	24,332,136	22,278,148
Stripcropping systems.....	do.....	641,219	555,066	584,599	616,980	511,072
Seeding range and pasture.....	do.....	2,735,234	2,801,443	2,839,384	3,598,033	3,586,767
Tree planting.....	do.....	310,386	324,111	294,135	364,694	384,119
Pond construction.....	Number.....	51,935	58,846	51,833	45,487	47,118
Terracing.....	Miles.....	38,404	36,653	30,806	28,321	30,625
Diversion construction.....	do.....	3,358	3,202	2,819	2,370	2,326
Open drains.....	do.....	12,720	12,831	13,068	11,803	11,470
Tile drains.....	do.....	25,553	22,893	24,351	23,408	25,965
Irrigation land leveling.....	Acres.....	447,379	457,317	459,952	379,133	382,307
Irrigation water management.....	do.....	2,805,073	3,316,063	3,726,754	3,799,585	4,080,008

<sup>1</sup> Includes practices applied under all programs on which SCS provides technical assistance.

Soil Conservation Service.

## 568 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1971

Table 778.—Soil conservation practices: <sup>1</sup> Applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending June 30, 1970

State or Territory and division	Contour farming	Conservation cropping systems	Strip-cropping systems	Seeding range and pasture	Tree planting	Wildlife management
	Acres	Acres	Acres	Acres	Acres	Acres
Maine.....	8,632	5,810	1,130	2,300	1,604	3,636
New Hampshire.....	80	2,410	106	2,673	1,589	15,413
Vermont.....	25	9,810	48	6,896	696	2,387
Massachusetts.....	6	1,000	18	3,343	167	2,173
Rhode Island.....	32	44	.....	466	84	162
Connecticut.....	10	197	12	241	298	193
New York.....	6,568	73,124	7,149	22,907	43,443	16,102
New Jersey.....	902	3,928	899	1,378	186	3,294
Pennsylvania.....	10,305	56,298	27,679	31,634	7,861	106,676
North Atlantic.....	35,600	152,621	36,941	71,838	55,938	149,036
Ohio.....	15,832	203,863	5,332	26,584	3,775	14,855
Indiana.....	5,654	215,905	935	31,880	5,722	23,458
Illinois.....	37,061	272,276	2,755	56,738	2,618	13,677
Michigan.....	2,231	165,606	4,511	28,268	25,257	63,734
Wisconsin.....	49,614	110,911	29,866	36,780	13,553	35,405
Minnesota.....	14,996	236,516	14,548	29,761	7,574	42,140
Iowa.....	105,215	362,177	11,525	65,592	1,548	16,696
Missouri.....	40,984	153,325	549	122,024	1,859	46,823
North Dakota.....	816	1,340,547	175,682	107,399	2,667	62,771
South Dakota.....	38,209	917,177	27,574	119,169	4,801	90,678
Nebraska.....	108,515	489,323	23,714	79,464	4,810	6,636
Kansas.....	675,121	1,454,246	7,617	72,954	614	25,860
North Central.....	1,095,468	5,921,874	304,608	779,613	74,796	442,731
Delaware.....	.....	20,048	.....	1,108	216	614
Maryland.....	3,887	42,870	3,184	3,638	1,518	4,406
Virginia.....	6,750	32,734	6,273	22,600	4,568	2,079
West Virginia.....	1,329	12,661	758	12,720	6,062	29,678
North Carolina.....	16,854	87,807	5,685	38,239	12,728	3,615
South Carolina.....	23,331	95,557	1,194	21,230	8,262	45,936
Georgia.....	100,944	281,286	772	94,661	46,929	57,685
Florida.....	6,393	82,723	1,126	89,665	36,128	67,034
South Atlantic.....	159,288	655,679	18,992	283,859	116,411	239,947
Kentucky.....	20,663	61,316	1,958	115,128	3,651	11,081
Tennessee.....	39,515	107,692	674	124,192	7,621	3,456
Alabama.....	309,531	614,566	.....	103,762	40,233	91,507
Mississippi.....	149,315	1,072,000	700	141,851	31,342	318,359
Arkansas.....	20,337	2,720,366	8,872	158,227	14,850	237,637
Louisiana.....	10,111	916,417	277	69,545	13,811	307,674
Oklahoma.....	859,260	2,057,520	.....	213,630	197	125,036
Texas.....	491,877	2,533,227	8,170	1,046,156	1,853	363,211
South Central.....	1,900,609	10,083,104	20,651	1,962,298	113,558	1,457,961
Montana.....	14,521	902,071	32,004	84,297	385	20,588
Idaho.....	46,322	484,456	3,093	61,093	74	20,619
Wyoming.....	238	130,630	5,700	35,146	38	321,229
Colorado.....	61,283	2,181,970	73,792	69,970	229	2,244,647
New Mexico.....	2,006	306,362	.....	16,020	70	118,490
Arizona.....	.....	164,140	.....	18,161	5	5,472
Utah.....	14,164	263,030	10,619	34,996	24	161,832
Nevada.....	.....	29,023	.....	26,598	489	3,660
Washington.....	39,558	379,078	3,872	34,460	1,323	97,659
Oregon.....	2,733	274,419	363	51,307	14,385	57,908
California.....	6,601	327,674	.....	32,071	1,510	83,008
Western.....	187,628	5,442,853	129,443	464,109	18,532	3,135,132
Alaska.....	.....	148	.....	197	.....	.....
Hawaii.....	244	19,319	437	1,595	448	80
Caribbean <sup>2</sup> .....	10,007	2,552	.....	23,258	4,434	102
Total.....	3,388,844	22,278,145	511,072	3,586,767	384,119	5,424,069

See footnotes at end of table.



Table 778.—Soil conservation practices: <sup>1</sup> Applied through farmer-district cooperation and cooperation with other agencies, with Soil Conservation Service assistance, by States and Territories, year ending June 30, 1970—Continued

State or Territory and Division	Drainage		Irrigation		Terracing	Diversion construction	Pond construction
	Open drains	Tile drains	Land leveling	Water management			
	Miles	Miles	Acres	Acres	Miles	Miles	Number
Maine.....	6	26		1,044		17	104
New Hampshire.....	4	6		312		1	169
Vermont.....	26	39					139
Massachusetts.....	4	5	1	639			65
Rhode Island.....	1	2		99		1	27
Connecticut.....	3	7					107
New York.....	378	694		791	1	59	900
New Jersey.....	27	25		313		4	87
Pennsylvania.....	43	503		370	39	119	516
North Atlantic.....	492	1,307	1	3,568	40	201	2,114
Ohio.....	328	4,334		38		15	925
Indiana.....	279	2,489		913	33	29	842
Illinois.....	273	1,077	4	1,311	113	72	1,072
Michigan.....	128	3,859		7,773	6	6	1,171
Wisconsin.....	622	755	55	1,314	25	56	876
Minnesota.....	923	2,512	200	7,080	107	43	1,419
Iowa.....	234	5,708		13	982	133	1,022
Missouri.....	413	127	13,262	15,776	711	181	1,647
North Dakota.....	532		1,685	5,898	7	34	1,803
South Dakota.....	30	1	2,677	15,292	294	16	2,314
Nebraska.....	186	47	50,720	171,549	3,959	136	1,517
Kansas.....	178	10	31,385	112,223	10,339	288	1,854
North Central.....	4,146	20,919	90,988	339,780	16,576	979	16,462
Delaware.....	37	2		5,055			28
Maryland.....	107	41		3,673	1	15	215
Virginia.....	142	190		85	4	4	577
West Virginia.....	4	51		20		5	413
North Carolina.....	668	597	11	303	95	25	374
South Carolina.....	604	215	318	873	427	7	730
Georgia.....	171	210		1,690	547	12	1,518
Florida.....	1,281	83	725	34,946	183	12	441
South Atlantic.....	3,014	1,389	1,054	46,645	1,257	80	4,296
Kentucky.....	83	381		761	7	28	1,267
Tennessee.....	107	14	24	24	14	42	3,145
Alabama.....	187		12	498	541	22	1,936
Mississippi.....	908		19,454	39,889	86	80	3,292
Arkansas.....	436		3,588	713,387	2	7	2,734
Louisiana.....	893		13,834	33,719	3		654
Oklahoma.....	92		4,047	51,678	3,015	256	2,923
Texas.....	439	49	42,931	436,426	8,411	200	5,329
South Central.....	3,115	444	83,900	1,276,382	12,079	635	21,280
Montana.....	78	7	11,171	61,024	6	26	574
Idaho.....	51	45	19,297	174,524		32	169
Wyoming.....	15	10	7,399	160,154	21	18	196
Colorado.....	39	17	19,452	1,149,339	557	81	509
New Mexico.....	2		5,712	117,134	16	29	196
Arizona.....	1		27,095	98,685	3	12	128
Utah.....	8	33	8,036	190,583	31	24	159
Nevada.....	10	2	7,227	11,823	7	6	17
Washington.....	110	122	5,774	111,409	23	72	241
Oregon.....	118	651	7,441	97,212	1	100	316
California.....	256	1,019	78,409	235,807	8	22	395
Western.....	688	1,906	197,013	2,407,694	673	422	2,900
Alaska.....	1			156			3
Hawaii.....			27	3,293		6	16
Caribbean <sup>2</sup> .....	14		324	2,490		3	47
Total.....	11,470	25,965	382,307	4,080,008	30,625	2,326	47,118

<sup>1</sup> Data shown are for some principal practices on which reports are received nationally. In addition, there are many other practices on which work is done.

<sup>2</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.



## 570 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1971

Table 779.—Conservation plans: Active district cooperators and conservation plans prepared under all programs and acreage covered in soil conservation districts with Soil Conservation Service assistance, by States and Territories, year ending June 30, 1970, and cumulative to June 30, 1970

State or Territory and division	Progress, year ending June 30, 1970				Cumulative to June 30, 1970							
	New SCD cooperators		New conservation plans <sup>1</sup>		SCD cooperators				Conservation plans <sup>1</sup>			
	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres	Number	Acres
Maine.....	774	133,736	435	72,611	11,727	2,644,226	8,460	1,743,920				
New Hampshire.....	406	52,260	164	20,441	7,110	1,170,715	5,271	846,715				
Vermont.....	539	93,182	552	81,571	12,082	2,541,818	7,845	1,620,526				
Massachusetts.....	303	39,432	302	19,858	9,272	1,097,319	8,082	837,268				
Rhode Island.....	72	3,584	44	2,314	1,480	147,776	1,287	122,880				
Connecticut.....	179	12,830	70	3,341	4,873	540,907	3,104	340,533				
New York.....	2,374	336,111	1,674	217,154	43,292	6,823,844	27,819	4,039,083				
New Jersey.....	127	16,076	122	20,572	7,548	982,305	5,040	601,560				
Pennsylvania.....	2,933	399,363	2,175	709,912	45,186	9,547,288	35,289	5,376,492				
North Atlantic.....	7,707	1,086,584	5,538	1,147,774	142,572	25,496,198	102,207	15,529,247				
Ohio.....	3,395	389,765	1,284	169,478	73,841	9,724,737	55,187	7,293,589				
Indiana.....	3,207	410,513	2,450	299,485	57,539	8,584,797	38,691	5,563,209				
Illinois.....	3,180	586,790	2,682	458,458	73,314	19,232,932	50,807	8,767,426				
Michigan.....	3,529	467,700	2,650	310,821	88,314	8,043,360	42,148	5,477,102				
Wisconsin.....	2,248	407,001	1,355	238,903	51,219	9,854,182	35,973	6,161,947				
Minnesota.....	2,438	731,298	1,530	370,803	58,345	14,985,888	34,343	7,533,851				
Iowa.....	4,298	882,730	3,043	609,312	93,982	17,887,962	68,875	12,858,838				
Missouri.....	4,124	968,302	2,502	511,997	48,279	10,873,222	27,892	5,086,633				
North Dakota.....	1,315	1,014,099	1,402	1,538,589	39,177	30,723,984	32,239	25,607,426				
South Dakota.....	1,083	971,095	1,086	961,505	40,897	31,793,082	29,047	20,297,954				
Nebraska.....	2,204	1,085,534	2,179	1,110,711	73,047	31,384,603	52,041	23,162,098				
Kansas.....	3,047	1,236,311	3,215	1,210,738	91,682	31,681,873	76,906	26,636,222				
North Central.....	34,068	9,761,158	25,378	7,787,800	759,636	218,770,642	547,119	155,049,617				
Delaware.....	143	22,719	110	15,137	3,550	511,851	2,508	354,598				
Maryland.....	1,022	210,717	1,157	105,234	17,838	2,821,977	13,376	1,810,953				
Virginia.....	892	174,549	595	155,925	47,680	7,732,132	35,313	5,666,759				
West Virginia.....	1,913	209,614	1,459	133,994	44,957	7,292,484	33,406	4,468,624				
North Carolina.....	2,238	431,108	1,767	232,706	69,627	8,563,356	58,827	6,767,258				
South Carolina.....	1,532	200,033	1,084	178,845	46,739	7,919,665	39,115	6,427,288				
Georgia.....	3,043	481,995	2,692	361,299	107,748	20,473,177	98,732	17,734,089				
Florida.....	1,438	1,167,697	1,262	360,952	25,579	12,906,421	22,021	7,439,280				
South Atlantic.....	12,021	2,898,432	9,990	1,544,122	363,718	68,221,063	303,298	50,668,869				
Kentucky.....	2,552	350,406	2,335	296,504	81,219	10,949,705	55,998	7,123,891				
Tennessee.....	2,787	350,717	1,815	241,257	72,051	10,317,297	45,721	6,096,867				
Alabama.....	2,312	425,262	2,084	387,525	54,421	10,848,419	48,790	9,380,366				
Mississippi.....	3,371	739,662	2,583	514,163	80,847	15,297,784	66,052	12,634,761				
Arkansas.....	3,260	654,114	3,395	698,521	93,573	19,544,056	88,630	18,178,885				
Louisiana.....	1,651	409,486	1,450	300,058	53,073	11,887,662	43,183	9,007,616				
Oklahoma.....	2,619	833,859	2,711	928,325	100,517	29,945,932	96,296	26,061,437				
Texas.....	10,425	5,079,559	10,268	5,029,412	193,213	111,163,088	186,180	104,660,696				
South Central.....	28,977	8,863,065	26,641	8,366,165	728,914	219,953,063	630,450	195,674,719				
Montana.....	618	1,739,533	463	1,553,288	14,508	41,987,127	10,583	30,944,774				
Idaho.....	927	469,220	670	353,383	22,161	10,529,087	12,656	6,111,757				
Wyoming.....	333	1,502,150	343	1,286,182	6,366	20,840,940	5,365	15,724,965				
Colorado.....	1,188	1,565,069	944	1,526,833	22,366	27,802,149	16,705	22,407,969				
New Mexico.....	519	2,167,181	486	1,209,067	13,620	40,847,028	10,948	32,547,363				
Arizona.....	404	2,517,618	335	1,544,693	5,786	15,842,501	4,455	10,172,651				
Utah.....	485	591,779	467	423,407	12,202	12,155,957	11,238	8,816,854				
Nevada.....	150	109,522	122	321,493	2,528	4,958,949	1,662	2,580,953				
Washington.....	1,241	633,376	1,062	349,295	33,596	12,812,358	21,204	7,761,977				
Oregon.....	909	444,368	923	645,474	21,144	12,471,469	13,314	7,686,092				
California.....	1,895	709,080	1,376	461,211	44,405	15,942,628	34,128	10,769,125				
Western.....	8,729	12,448,896	6,891	9,674,326	198,582	216,190,193	142,258	155,524,500				
Alaska.....	48	6,422	32	6,493	749	479,014	396	110,588				
Hawaii.....	148	24,977	85	91,552	2,045	3,326,649	1,433	1,659,064				
Caribbean <sup>2</sup> .....	800	42,040	842	43,569	20,439	1,190,683	17,478	963,968				
Total.....	92,498	35,131,574	75,397	28,661,801	2,216,655	753,628,405	1,744,639	575,180,612				

<sup>1</sup> Includes conservation plans prepared on farms and ranches of SCD cooperators who signed agreements in prior years.<sup>2</sup> Losses through cancellation, death, and change of ownership are deducted and net total at end of year shown.<sup>3</sup> Puerto Rico and Virgin Islands.

Soil Conservation Service.

Table 780.—Great Plains Conservation Program: Practices applied and cost-shares paid fiscal year 1970, and cumulative 1956-70

Practice	Amount applied			Cost-shares paid	
	Unit	1970	1956-70	1970	1956-70
<b>INITIAL APPLICATION</b>					
Establish permanent vegetative cover	Acres	158,842	1,692,795	<i>Dollars</i> 1,398,664	<i>Dollars</i> 13,935,631
Establish field stripcropping	do.	72,861	713,485	103,877	910,935
Establish contour stripcropping	do.	8,544	135,032	46,376	551,147
Establish contour farming	do.		4,981		4,469
Reseeding rangeland	do.	137,659	1,313,396	1,735,434	11,882,269
Establishment of windbreaks	do.	2,721	28,406	171,834	1,550,522
Establish permanent sod waterways	do.	3,581	30,031	415,711	3,084,130
Terrace construction	Miles	5,732	58,919	1,754,020	13,313,208
Diversion terraces, ditches, dikes	do.	317	3,899	188,218	1,920,824
Furrowing, chiseling, ripping, etc.	Acres	22,159	305,495	26,185	338,499
Dams for erosion control, detention	Number	910	18,490	273,614	3,424,287
Channel lining, chutes, drop spill	do.	289	2,924	74,670	676,943
Streambank protection, etc.	Linear ft.	18,251	220,418	54,754	223,276
Spreader ditches, dikes	Acres	5,163	101,435	185,898	1,954,698
Reorganizing irrigation systems	Number	361	3,587	444,246	5,408,047
Leveling land	Acres	24,991	180,154	603,280	5,344,165
Dams, pits, or ponds for irrigation	Number	64	584	45,408	467,000
Lining irrigation ditches	Linear ft.	109,222	1,494,384	119,980	1,298,835
Wells for livestock water	Number	1,577	14,600	919,899	7,819,714
Developing springs and seeps	do.	147	1,675	38,978	344,667
Dams, pits, or ponds for vegetative cover	do.	1,609	19,985	753,781	9,124,919
Pipelines for livestock water	Miles	794	4,204	973,614	4,888,868
Controlling competitive shrubs	Acres	342,983	4,173,103	940,646	10,838,580
Constructing permanent fences	Miles	1,167	9,906	467,130	5,246,705
Storage facility for livestock water	Number		3		743
Catchment basin	Number	1	4	5,842	18,699
<b>REAPPLICATION</b>					
Establish permanent vegetative cover	Acres	10,708	104,806	75,971	695,012
Establish field stripcropping	do.	148	148	185	185
Establish contour stripcropping	do.		25		117
Reseeding rangeland	do.	7,517	49,578	70,966	419,239
Establishment of windbreaks	do.	147	2,302	7,638	81,937
Establish permanent sod waterways	do.	256	2,315	6,573	62,776
Terrace construction	Miles	136	538	26,507	87,465
Diversion terraces, ditches, dikes	do.	1	8	303	3,196
Dams for erosion control, detention	Number	5	26	6,896	15,557
Channel lining, chutes, drop spill	do.	11	11		1,526
Streambank protection, etc.	Linear ft.		600		7,761
Spreader ditches and dikes	Acres	582	3,175	2,283	19,859
Reorganizing irrigation systems	Number		1		2,500
Leveling land	Acres	10	487	159	8,966
Dams, pits, or ponds for irrigation	Number		5		2,268
Wells for livestock water	Number	8	43	3,776	20,659
Developing springs and seeps	do.	6	6		1,509
Dams, pits, or ponds for vegetative cover	do.	6	56	1,345	23,332
Pipelines for livestock water	Miles				75
Controlling competitive shrubs	Acres	5,730	47,203	9,926	87,983
Constructing permanent fences	Miles		1		109
<b>Total</b>				<b>11,980,447</b>	<b>103,641,445</b>

Soil Conservation Service.

## 572 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1971

Table 781.—Great Plains Conservation Program: <sup>1</sup> Contracts, acreage, and obligations, by States, fiscal year 1970, and cumulative 1956-70

State	Designated counties	Activities					
		1970			1956-70 cumulative		
		Contracts signed		Contracts signed		Cropland before contract	Planned cropland conversions
		Number	1,000 acres	Number	1,000 acres	1,000 acres	1,000 acres
Colorado.....	36	286	674	2,830	8,180	898	217
Kansas.....	62	341	248	4,013	2,878	1,177	104
Montana.....	38	128	574	1,619	7,601	830	207
Nebraska.....	60	342	472	5,041	6,319	980	235
New Mexico.....	18	110	885	1,609	10,411	257	62
North Dakota.....	30	352	571	4,161	5,646	2,119	392
Oklahoma.....	30	563	290	4,332	3,737	571	129
South Dakota.....	39	146	373	1,888	5,550	775	248
Texas.....	115	722	852	11,540	14,364	2,481	490
Wyoming.....	12	48	364	480	2,843	78	24
Total.....	440	3,038	5,303	37,703	67,529	10,466	2,108

  

State	Cost-share obligations		Contracts completed through June 30, 1970	
	1970	1956-70	By number	By area
	1,000 dollars	1,000 dollars	Number	1,000 acres
Colorado.....	1,221	15,185	1,107	3,207
Kansas.....	934	10,743	2,013	1,432
Montana.....	876	9,227	725	3,095
Nebraska.....	1,100	15,295	2,266	2,828
New Mexico.....	598	9,411	648	3,631
North Dakota.....	860	8,953	2,004	2,492
Oklahoma.....	1,343	11,652	1,700	1,845
South Dakota.....	738	8,345	444	1,360
Texas.....	2,854	40,173	6,293	8,134
Wyoming.....	429	3,665	145	633
Total.....	10,963	132,649	17,345	28,657

<sup>1</sup> As authorized by the Act of Congress August 7, 1956 (Public Law 1021, 84th Congress).

Soil Conservation Service.

## FOOTNOTES FOR TABLE 783

<sup>1</sup> Covers work in following watersheds: Buffalo Creek, Coosa River, Little Tallahatchie, Los Angeles, Potomac, Santa Ynez, Yaseo, Trinity, Washita, and Little Sioux.<sup>2</sup> These principal physical works of improvement have been installed and major fire protection equipment items acquired for watershed improvement purposes under the Flood Control Acts by the Forest Service and cooperating State agencies.<sup>3</sup> Includes treatment of watersheds following fire or other disaster under the provisions of Section 216 of the Flood Control Act of 1950.

Forest Service.

# WATERSHED PROTECTION AND FLOOD PREVENTION 573

**Table 782.—Watershed protection<sup>1</sup> and flood prevention projects:<sup>2</sup> Works of improvement installed with the assistance of the Soil Conservation Service in fiscal year 1970 with watershed protection and flood prevention funds**

Item	Unit	P.L. 566 watersheds	Flood prevention watersheds
Projects in operation during year:			
P. L. 566 watersheds.....	Number.....	763	
Flood prevention watersheds.....	do.....		10
Works of improvement installed:			
Structural measures:			
Floodwater retarding structures.....	do.....	153	86
Floodwater retarding structures.....	Acre feet.....	182,080	63,731
Grade stabilization structures.....	Number.....	1,589	569
Channel stabilization.....	Miles.....	2	2
Channel improvement.....	do.....	473	86
Levees and dikes.....	do.....	14	
Critical area planting.....	Acres.....	5,345	11,318
Land treatment measures:			
Contour farming.....	do.....	73,016	133,938
Crop residue management.....	do.....	463,936	449,364
Debris basins <sup>3</sup> .....	Number.....	23	214
Diversions.....	Miles.....	45	35
Pasture and hayland planting.....	Acres.....	78,764	97,013
Ponds.....	Number.....	327	143
Range seeding.....	Acres.....	2,091	3,257
Stripcropping.....	do.....	3,280	372
Terracing.....	Miles.....	147	3
Tree planting.....	Acres.....	8,726	2,985
Waterway development.....	do.....	631	175
Wildlife management.....	do.....	109,682	86,256
Woodland improvement.....	do.....	11,174	6,455
Structures for water control.....	Number.....	1,688	1

<sup>1</sup> As authorized by the Soil Conservation Act of 1935 (Public Law 46, 74th Congress) and Watershed Protection and Flood Prevention Act P. L. 566 as amended.

<sup>2</sup> All of the 11 watersheds were approved Dec. 22, 1944; however, flood control funds did not become available for works of improvement until 1946. As of June 30, 1965, work in one watershed was completed.

<sup>3</sup> Includes some basins constructed as structural measures.

Soil Conservation Service.

**Table 783.—Flood prevention: Improvement works completed in authorized watersheds with assistance of the Forest Service, years ending June 30, 1969 and 1970, and cumulative to June 30, 1970<sup>1</sup>**

Practices and measures <sup>2</sup>	Unit	Total completed or acquired		
		During year ending June 30, 1969	During year ending June 30, 1970	Cumulative to June 30, 1970
<b>Fire protection:</b>				
Roads and trails (constructed or rebuilt).....	Miles.....	239.2	286.1	1,270.6
Firebreaks.....	do.....	402.2	736.5	2,541.4
Telephone lines.....	do.....	0	0	306.5
Large water-storage tanks.....	Number.....	2	11	148
Lookout towers.....	do.....	0	0	51
Building for fire protection work (barracks, cabins, warehouses, garages, offices, misc.).....	do.....	2	2	138
Pumps.....	do.....	11	0	30
Radios (mobile and stationary).....	do.....	0	5	409
Mobile equipment.....	do.....	11	8	178
Hellspots and hellports.....	do.....	0	6	431
Stabilization of roadsides.....	Miles.....	232.0	89.0	1,684.6
<b>Revegetation—cover improvement:</b>				
Seeding and planting—trees and shrubs.....	Acres.....	51,049	37,293	754,352
Emergency seeding following fire <sup>3</sup> .....	do.....	80,600	231,385	983,580
<b>Mountain channel control:</b>				
Barriers.....	Number.....	30	7	460
Planting.....	Square yards.....	0	0	318,134
Channel clearing.....	Acres.....	20	0	153
Channel stabilization.....	Linear feet.....	17,530	45,936	703,144
Forest management: Owner participation.....	Number.....	9,986	2,376	76,810

See footnotes on page 572.

## 574 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1971

Table 784.—National Forest System: National Forest System lands and other lands within unit boundaries, in States and Territories, June 30, 1970

State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>	State or other area	Gross area within unit boundaries	National Forest System lands <sup>1</sup>	Other lands within unit boundaries <sup>2</sup>
	1,000 acres	1,000 acres	1,000 acres		1,000 acres	1,000 acres	1,000 acres
Alabama.....	1,271	633	638	New Mexico.....	10,245	9,239	1,006
Alaska.....	20,777	20,723	54	New York.....	14	14	—
Arizona.....	12,093	11,444	650	North Carolina.....	3,196	1,129	2,066
Arkansas.....	3,494	2,452	1,042	North Dakota.....	1,105	1,105	—
California.....	24,318	20,051	4,267	Ohio.....	1,498	141	1,358
Colorado.....	15,888	14,383	1,505	Oklahoma.....	460	288	172
Connecticut.....	( <sup>3</sup> )	( <sup>3</sup> )	—	Oregon.....	17,303	15,477	1,826
Florida.....	1,225	1,080	145	Pennsylvania.....	742	496	247
Georgia.....	1,912	832	1,080	South Carolina.....	1,374	592	782
Idaho.....	21,602	20,343	1,259	South Dakota.....	2,289	1,986	283
Illinois.....	837	242	595	Tennessee.....	1,213	610	603
Indiana.....	753	156	597	Texas.....	1,834	776	1,058
Iowa.....	( <sup>3</sup> )	( <sup>3</sup> )	—	Utah.....	9,103	8,026	1,078
Kansas.....	108	108	—	Vermont.....	629	241	388
Kentucky.....	2,003	577	1,426	Virginia.....	3,230	1,520	1,711
Louisiana.....	1,017	594	423	Washington.....	10,043	9,084	959
Maine.....	94	50	44	West Virginia.....	1,857	942	916
Michigan.....	4,793	2,674	2,119	Wisconsin.....	1,973	1,488	485
Minnesota.....	5,042	2,781	2,261	Wyoming.....	9,684	9,243	441
Mississippi.....	2,312	1,135	1,176	Puerto Rico.....	56	28	28
Missouri.....	3,002	1,426	1,576	Virgin Islands.....	( <sup>3</sup> )	( <sup>3</sup> )	—
Montana.....	19,066	16,673	2,391				
Nebraska.....	441	351	90	Total.....	226,064	186,900	39,164
Nevada.....	5,410	5,086	324				
New Hampshire.....	805	681	124				

<sup>1</sup> National Forest System lands.—The national forests, national forest purchase units, national grasslands, and other lands administered by the Forest Service. Includes national forest lands withdrawn for use of other Federal agencies where the National Forest reservation has not been revoked.

National forests.—Areas formally designated or proclaimed as national forests. Data also include administrative sites outside national forest boundaries.

Purchase units.—Portions of approved national forest acquisition areas established by the Secretary of Agriculture, with the concurrence of the National Forest Reservation Commission, located outside designated or proclaimed national forest boundaries.

National grasslands.—Lands designated "National grasslands" by the Secretary of Agriculture and permanently held by the Department of Agriculture under Title III of the Bankhead-Jones Farm Tenant Act. The acreage shown for the national grasslands are the areas of such lands administered by the indicated unit headquarters or regions.

Land utilization projects.—Lands administered by the Forest Service for programs of land utilization and adjustment under Title III of the Bankhead-Jones Farm Tenant Act.

Research and experimental areas.—Areas outside of the national forests and grasslands which have been reserved and dedicated to forest or range research and experimentation.

Other areas.—Lands administered by the Forest Service that are not included in the above groups.

<sup>2</sup> Other lands within unit boundaries.—Lands within the unit boundaries in private, State, county, and municipal ownership, and Federal lands over which the Forest Service has no jurisdiction. Areas of such lands which have been offered to the United States and have been approved for acquisition and subsequent Forest Service administration, but to which title had not yet been accepted by the United States.

<sup>3</sup> Less than 500 acres

## Forest Service.

# COOPERATIVE TREE PLANTING; FOREST MANAGEMENT 575

**Table 785.—Cooperative tree planting: Forest tree distribution program, with costs, United States, 1954-69<sup>1</sup>**

Year beginning July	Trees distributed	Costs			Year beginning July	Trees distributed	Costs		
		Federal contribution <sup>2</sup>	State expenditure	Total			Federal contribution <sup>2</sup>	State expenditure	Total
	Thousands	1,000 dollars	1,000 dollars	1,000 dollars		Thousands	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	496,571	372	3,557	3,929	1962.....	587,647	234	6,309	6,543
1955.....	560,456	429	4,341	4,770	1963.....	535,429	229	7,234	7,463
1956.....	712,272	820	4,949	5,769	1964.....	508,661	216	6,649	6,865
1957.....	764,364	1,131	6,234	7,365	1965.....	521,440	219	6,593	6,812
1958.....	945,464	658	6,291	6,949	1966.....	572,088	220	7,769	7,989
1959.....	844,599	186	6,387	6,573	1967.....	573,067	221	8,836	9,057
1960.....	774,159	194	6,941	7,135	1968.....	523,986	203	9,911	10,114
1961.....	679,968	195	6,653	6,748	1969.....	404,941	197	8,347	8,544

<sup>1</sup> Includes Puerto Rico; excludes Alaska.

<sup>2</sup> Provided by Clarke-McNary law, Act of June 7, 1924, as amended.

Forest Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 786.

**Table 786.—Cooperative forest management: Accomplishments and expenditures, United States, 1954-69<sup>1</sup>**

Year beginning July	Accomplishments				Expenditures		
	Woodland owners assisted	Woodland involved	Products harvested	Gross sale value	Federal	State	Total
	Number	1,000 acres	1,000 bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	34,828	2,914	549,373	11,787	534	1,386	1,919
1955.....	38,121	3,125	625,592	14,758	572	1,432	2,004
1956.....	44,494	3,086	538,958	11,896	866	1,503	2,369
1957.....	58,752	3,486	444,797	9,978	1,329	1,780	3,079
1958.....	76,546	4,146	630,850	13,254	1,353	2,391	3,744
1959.....	82,188	4,116	596,178	14,083	1,370	2,484	3,855
1960.....	89,254	4,613	495,325	11,776	1,363	2,954	4,317
1961.....	91,418	4,797	547,787	12,344	2,268	3,035	5,302
1962.....	101,823	5,762	588,046	13,744	2,255	3,322	5,577
1963.....	97,063	6,141	668,274	15,582	2,268	3,978	6,246
1964.....	96,074	6,165	716,950	17,442	2,730	4,109	6,839
1965.....	105,014	6,553	682,088	22,575	3,171	4,259	7,430
1966.....	107,654	6,232	517,368	22,005	3,167	5,021	8,178
1967.....	106,328	7,775	704,241	22,265	3,184	5,677	8,861
1968.....	113,186	7,340	872,226	31,883	3,130	6,356	9,486
1969.....	115,197	6,945	1,225,820	31,881	3,656	7,072	11,627

<sup>1</sup> Under the Cooperative Forest Management Act of August 25, 1950, and related legislation.

Forest Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 790.

**Table 787.—Forest fires: Expenditures for protection on State and private forest lands, United States, 1954-69<sup>1</sup>**

Year beginning July	Federal <sup>2</sup>	State and county	Private agencies	Total expenditures	Year beginning July	Federal <sup>2</sup>	State and county	Private agencies	Total expenditures
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	8,945	28,168	2,103	39,216	1962.....	12,491	82,586	1,610	66,687
1955.....	9,485	30,637	2,271	42,393	1963.....	12,515	59,751	1,071	73,337
1956.....	9,386	33,802	2,149	45,337	1964.....	12,783	62,612	1,167	76,562
1957.....	9,410	40,918	1,910	52,238	1965.....	12,803	71,812	1,243	85,858
1958.....	9,401	43,071	1,913	54,385	1966.....	12,834	76,626	1,504	90,964
1959.....	9,401	45,059	2,181	56,641	1967.....	14,357	80,464	1,249	96,070
1960.....	9,394	48,511	1,918	59,813	1968.....	14,396	85,222	1,337	100,955
1961.....	11,675	51,194	1,445	64,314	1969.....	16,440	95,293	1,816	113,549

<sup>1</sup> Excludes emergency funds. Includes Alaska beginning 1960.

<sup>2</sup> Excludes administration and inspection costs.

Forest Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 792.



## 576 AGRICULTURAL CONSERVATION AND FORESTRY STATISTICS, 1971

Table 788.—Forest fires: Number, area burned over, and forest area on national forest land, and State and private lands, United States, 1954-70

Year	National forest lands			State and private forest lands					
	Fires	Area burned over	National forest area under Forest Service administration <sup>1</sup>	On protected area			On unprotected area		
				Fires	Area burned over	Forest area	Fires	Area burned over	Forest area
	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres	Number	1,000 acres	1,000 acres
1954.....	7,369	108	180,358	118,681	2,787	382,387	49,614	5,830	48,722
1955.....	5,660	276	180,302	80,774	2,448	387,156	57,576	4,976	43,953
1956.....	9,457	208	180,354	82,997	1,613	389,924	49,147	4,621	41,185
1957.....	5,175	118	180,335	59,482	1,099	395,864	17,690	2,123	38,906
1958.....	8,251	51	180,378	67,366	1,173	398,306	17,002	1,819	36,464
1959.....	6,871	217	180,468	77,802	1,681	400,679	17,925	1,577	34,091
1960.....	9,697	339	180,844	77,537	1,909	402,800	13,760	1,947	32,030
1961.....	11,936	197	181,051	72,247	1,125	412,008	12,148	1,608	30,306
1962.....	8,384	64	181,635	94,487	1,645	418,483	10,437	2,163	24,447
1963.....	9,169	92	181,975	134,427	3,108	431,334	18,263	3,804	21,767
1964.....	7,063	139	182,078	90,480	1,670	446,420	17,601	2,333	32,083
1965.....	7,083	64	182,139	91,495	1,209	472,023	13,116	1,300	30,294
1966.....	8,365	303	182,273	98,157	1,908	469,328	12,772	1,401	46,748
1967.....	8,988	151	182,507	102,267	1,926	479,623	11,263	2,390	37,587
1968.....	7,118	158	182,616	107,689	1,633	486,461	7,655	1,394	28,539
1969.....	7,409	75	182,340	97,393	1,882	511,965	5,846	995	31,127
1970.....	11,386	446	182,571	101,455	1,641	520,501	5,313	1,019	45,751

<sup>1</sup> As of June 30.Forest Service. Data for 1934-53 in *Agricultural Statistics, 1967*, table 791.

Table 789.—Forest products cut on National Forest System lands: Volume and value of timber cut and value of all products, United States, 1954-69

Year beginning July	Total timber cut <sup>1</sup>		Value of miscellaneous forest products <sup>2</sup>	Total value including free-use timber	Year beginning July	Total timber cut <sup>1</sup>		Value of miscellaneous forest products <sup>2</sup>	Total value including free-use timber
	Volume	Value <sup>3</sup>				Volume	Value <sup>3</sup>		
	Million bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars		Million bd. ft.	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	6,328	70,761	266	71,231	1962.....	10,026	134,406	514	135,173
1955.....	6,907	97,620	298	98,107	1963.....	12,964	151,075	529	151,880
1956.....	6,978	115,567	312	116,098	1964.....	11,244	161,106	494	161,880
1957.....	6,421	94,188	346	94,762	1965.....	12,138	195,590	572	196,427
1958.....	8,341	113,896	366	114,579	1966.....	10,851	188,711	575	189,563
1959.....	9,367	156,424	454	157,094	1967.....	12,129	239,311	622	240,226
1960.....	8,381	124,452	477	125,170	1968.....	11,783	326,997	665	327,944
1961.....	9,032	128,905	522	129,654	1969.....	11,527	307,610	695	308,638

<sup>1</sup> Commercial and cost sales and land exchange.<sup>2</sup> Includes collections for forest restoration or improvement under the Knutson-Vanderberg Act, 1930, for the years 1959-69.<sup>3</sup> Includes materials not measurable in board feet, such as Christmas trees, tanbark, turpentine, seedlings, Spanish moss, etc.Forest Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 794.

Table 790.—Timber products: Production, imports, exports and apparent domestic consumption, United States, 1954-70<sup>1</sup>

Year	Industrial roundwood used for—											
	Lumber				Plywood and veneer				Pulp products			
	Domes- tic pro- duction	Im- ports	Ex- ports	Appar- ent con- sump- tion	Domes- tic pro- duction	Im- ports	Ex- ports	Appar- ent con- sump- tion	Domes- tic pro- duction	Im- ports <sup>1</sup>	Ex- ports <sup>2</sup>	Appar- ent con- sump- tion
	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>	Million cu. ft. <sup>3</sup>
1954.....	5,635	480	115	6,000	480	30	(4)	505	1,960	920	135	2,745
1955.....	5,785	560	130	6,215	575	40	(4)	615	2,185	975	175	2,980
1956.....	5,920	535	120	6,335	590	45	(4)	630	2,480	1,040	180	3,355
1957.....	5,100	465	130	5,435	560	45	(4)	605	2,360	960	185	3,135
1958.....	5,160	530	115	5,575	615	50	(4)	665	2,135	895	165	2,870
1959.....	5,745	635	125	6,255	720	75	5	790	2,330	970	195	3,105
1960.....	5,080	615	135	5,560	705	60	(4)	765	2,565	985	275	3,280
1961.....	4,945	665	120	5,485	765	60	(4)	825	2,450	1,000	295	3,155
1962.....	5,120	765	120	5,765	800	75	(4)	875	2,565	1,055	295	3,325
1963.....	5,355	830	135	6,050	870	80	5	950	2,670	1,060	340	3,390
1964.....	5,635	815	150	6,305	960	90	5	1,045	2,885	1,120	395	3,610
1965.....	5,670	815	145	6,345	1,030	100	5	1,125	3,100	1,175	380	3,900
1966.....	5,645	810	160	6,295	1,030	115	5	1,140	3,220	1,285	420	4,065
1967.....	5,360	800	175	5,990	995	110	10	1,100	3,220	1,235	460	3,995
1968 <sup>3</sup> .....	5,630	960	180	6,410	1,025	165	10	1,180	3,405	1,260	525	4,140
1969 <sup>4</sup> .....	5,500	985	180	6,305	940	180	20	1,100	3,630	1,330	565	4,390
1970 <sup>5</sup> .....	5,285	955	200	6,040	960	170	15	1,115	3,925	1,250	730	4,445

Year	Industrial roundwood used for—Continued							Fuelwood, apparent consumption	Domestic production, all products	Apparent consumption, all products
	Miscel- laneous products, apparent consumption <sup>1</sup>	Logs		Total						
		Imports	Exports	Domestic production	Imports	Exports	Apparent consumption			
	Million cu. ft. <sup>2</sup>	Million cu. ft. <sup>2</sup>	Million cu. ft. <sup>2</sup>	Million cu. ft. <sup>2</sup>	Million cu. ft. <sup>2</sup>	Million cu. ft. <sup>2</sup>	Million cu. ft. <sup>2</sup>	Million cu. ft. <sup>2</sup>	Million cu. ft. <sup>2</sup>	Million cu. ft. <sup>2</sup>
1954.....	655	35	25	8,750	1,460	270	9,945	1,835	10,585	11,780
1955.....	630	35	25	9,205	1,610	335	10,475	1,745	10,950	12,220
1956.....	605	30	30	9,625	1,645	310	10,960	1,655	11,280	12,615
1957.....	580	25	25	8,625	1,490	335	9,780	1,565	10,190	11,345
1958.....	560	15	30	8,505	1,495	310	9,690	1,480	9,985	11,170
1959.....	535	20	35	9,360	1,700	355	10,765	1,390	10,750	12,095
1960.....	510	20	45	8,910	1,680	455	10,135	1,300	10,210	11,435
1961.....	490	20	75	8,725	1,745	495	9,970	1,215	9,940	11,185
1962.....	465	20	85	9,035	1,910	500	10,445	1,125	10,155	11,570
1963.....	515	15	150	9,560	1,990	630	10,925	1,055	10,615	11,980
1964.....	540	10	170	10,190	2,040	720	11,510	985	11,175	12,495
1965.....	560	10	190	10,550	2,105	715	11,935	915	11,465	12,850
1966.....	565	15	220	10,680	2,225	800	12,105	845	11,525	12,950
1967.....	515	15	310	10,405	2,160	955	11,615	775	11,185	12,390
1968 <sup>3</sup> .....	570	15	405	11,035	2,395	1,120	12,310	750	11,785	13,060
1969 <sup>4</sup> .....	550	15	375	11,000	2,505	1,140	12,365	725	11,725	13,090
1970 <sup>5</sup> .....	525	25	430	11,125	2,395	1,380	12,145	700	11,825	12,845

<sup>1</sup> Columns may not add to totals because of rounding.<sup>2</sup> Includes both pulpwood and the pulpwood equivalent of wood pulp, paper, and board.<sup>3</sup> Roundwood equivalent.<sup>4</sup> Less than 2.5 million cubic feet.<sup>5</sup> Preliminary.<sup>6</sup> Includes coeprage logs, poles and piling, fenceposts, hewn ties, round mine timbers, box bolts, excelsior bolts, chemical wood, shingle bolts, and miscellaneous items.Forest Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 793.

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**Table 791.—Timber prices: Average stumpage prices for sawtimber sold from national forests, by selected species, 1961-70**

Year	Douglas-fir <sup>1</sup>	Southern pine <sup>2</sup>	Ponderosa pine <sup>3</sup>	Western hemlock <sup>4</sup>	All eastern hardwoods	Oak, white and red <sup>5</sup>	Maple <sup>6</sup>
	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.	Dollars per 1,000 bd. ft.
1961	27.60	26.90	12.10	9.70	18.00	15.70	26.90
1962	24.80	26.00	16.10	8.90	18.60	17.00	27.40
1963	27.90	25.10	15.80	10.40	21.50	15.70	35.30
1964	38.10	27.80	19.00	13.30	22.20	18.00	30.60
1965	42.60	31.70	19.80	19.10	25.00	21.30	31.90
1966	50.00	38.60	19.80	20.50	29.30	23.20	40.90
1967	41.70	38.30	22.20	21.80	27.00	16.80	46.80
1968	61.20	42.20	30.20	35.60	33.60	17.30	31.30
1969	82.20	61.70	71.00	45.10	30.20	28.20	41.10
1970	41.90	44.10	32.10	20.50	26.90	26.60	34.40

<sup>1</sup> Western Washington and western Oregon. <sup>2</sup> Southern region. <sup>3</sup> California region. <sup>4</sup> Pacific Northwest region. <sup>5</sup> Eastern and Southern regions.

Forest Service. All U. S. Forest Service national forest prices in this table are the bid prices (including KV payments) for timber sold on a Scribner Decimal C log rule basis, except in the Northeastern States where International  $\frac{1}{4}$ -inch log rule is used. Prices exclude timber sold by land exchanges and from land utilization project lands. Data for 1944-60 in *Agricultural Statistics, 1967*, table 795.

**Table 792.—Timber products: Wholesale price indexes, selected products, United States, 1954-70**  
[1967=100]

Year	Lumber	Plywood <sup>1</sup>	Wood pulp	Paper	Paper-board	Year	Lumber	Plywood <sup>1</sup>	Wood pulp	Paper	Paper-board
1954	88.9	138.1	93.0	80.8	96.2	1963	91.2	107.1	93.6	93.1	99.7
1955	94.5	142.1	95.7	82.5	98.2	1964	92.9	104.2	98.1	94.2	101.5
1956	96.5	130.4	99.8	87.6	104.2	1965	94.0	103.9	100.1	94.6	101.5
1957	90.9	118.8	100.7	90.5	105.4	1966	100.1	109.4	100.0	97.5	102.2
1958	89.5	120.0	102.8	90.7	105.3	1967	100.0	100.0	100.0	100.0	100.0
1959	96.4	127.5	102.8	91.5	105.2	1968	117.4	133.6	100.0	102.0	95.9
1960	92.1	110.6	102.2	92.7	104.6	1969	131.5	140.0	100.0	106.0	99.4
1961	87.4	107.0	96.9	92.9	97.4	1970 <sup>2</sup>	113.7	116.3	109.3	111.0	101.1
1962	89.0	102.7	95.1	93.3	98.0						

<sup>1</sup> Softwood plywood, interior panel,  $\frac{1}{4}$ -inch, grade A-D. <sup>2</sup> Preliminary.

Forest Service. Compiled from reports of the Bureau of Labor Statistics, U.S. Department of Labor. Data for 1944-53 in *Agricultural Statistics, 1967*, table 796.

**Table 793.—Livestock on National Forest System lands: Number permitted to graze, and grazing receipts, United States, 1954-70**

Year	Permitted to graze <sup>1</sup>		Receipts from grazing, year beginning July <sup>2</sup>	Year	Permitted to graze <sup>1</sup>		Receipts from grazing, year beginning July <sup>2</sup>
	Cattle, horses, and swine	Sheep and goats			Cattle, horses, and swine	Sheep and goats	
	Thousands	Thousands	1,000 dollars		Thousands	Thousands	1,000 dollars
1954	1,148	2,918	2,953	1963	1,339	2,280	3,790
1955	1,148	2,830	2,906	1964	1,360	2,204	3,521
1956	1,135	2,739	2,683	1965	1,376	2,112	3,861
1957	1,109	2,623	3,014	1966	1,476	2,309	4,184
1958	1,114	2,609	3,752	1967	1,521	2,264	4,083
1959	1,117	2,565	4,507	1968	1,531	2,246	4,438
1960	1,307	2,574	3,899	1969	1,639	2,162	4,371
1961	1,293	2,491	3,806	1970	1,607	2,105	-----
1962	1,307	2,367	4,028				

<sup>1</sup> Excludes animals permitted to graze on national grasslands and land utilization project lands, prior to 1960.

<sup>2</sup> Excludes receipts from national grasslands and land utilization project lands, prior to 1959.

Forest Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 797.

Table 794.—Livestock on National Forest System lands: Number permitted to graze in 1970, and grazing receipts for the year beginning July 1, 1969 by States, and Puerto Rico

State or other area	Permitted to graze, 1970		Receipts from grazing, year beginning July 1969 <sup>1</sup>	State or other area	Permitted to graze, 1970		Receipts from grazing, year beginning July 1969 <sup>1</sup>
	Cattle, horses, and swine	Sheep and goats			Cattle, horses, and swine	Sheep and goats	
	Number	Number	Dollars		Number	Number	Dollars
Alabama.....	353		625	North Dakota.....	77,285	1,504	
Alaska.....	33			Ohio.....	11		
Arizona.....	155,048	63,997	622,988	Oklahoma.....	5,815		539
Arkansas.....	14,656		10,475	Oregon.....	118,987	71,249	244,053
California.....	123,152	81,897	243,738	South Carolina.....	210		79
Colorado.....	205,960	403,831	547,047	South Dakota.....	78,988	10,246	49,564
Florida.....	1,677		1,939	Tennessee.....	60		30
Georgia.....				Texas.....	15,032		5,740
Idaho.....	138,339	481,576	376,266	Utah.....	120,042	382,741	339,641
Illinois.....	540			Vermont.....	15		36
Indiana.....	62			Virginia.....	329	900	1,318
Kansas.....	4,371			Washington.....	53,184	13,078	53,809
Kentucky.....			2	West Virginia.....	667	400	2,381
Louisiana.....	6,526		6,242	Wisconsin.....	47		
Michigan.....	114		50	Wyoming.....	149,196	360,045	333,338
Minnesota.....	5,221	497	38	Puerto Rico.....			
Mississippi.....	5,221		4,174	National forests.....	1,396,956	2,063,831	3,771,965
Missouri.....	3,601		5,476	National grasslands and land utilization project lands.....	209,836	40,888	598,894
Montana.....	134,522	109,780	357,772	Total.....	1,606,792	2,104,719	4,370,860
Nebraska.....	23,374	1,095	70,016				
Nevada.....	61,664	105,386	160,254				
New Mexico.....	105,108	46,387	334,047				
New York.....	1,974	80					
North Carolina.....	77		( <sup>2</sup> )				

<sup>1</sup> Receipts shown by States are for national forests only; breakdown for national grasslands and land utilization project lands is not available.

<sup>2</sup> Less than one-half the unit shown.

<sup>3</sup> Includes \$301.91 in receipts from Oregon and California Railroad Grant Lands.

Forest Service.

Table 795.—National Forest System lands: Receipts, United States and Puerto Rico, 1954-69

Year beginning July	From the use of timber <sup>1</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>1</sup>	Year beginning July	From the use of timber <sup>1</sup>	From the use of grazing	From special land uses, water power, etc.	Total <sup>1</sup>
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	75,353	3,760	2,026	81,139	1962.....	117,390	4,028	4,805	126,224
1955.....	110,583	3,729	2,685	116,997	1963.....	127,952	3,790	5,763	137,514
1956.....	107,088	3,367	2,869	113,324	1964.....	138,772	3,521	6,946	149,239
1957.....	86,473	3,711	3,276	93,461	1965.....	164,940	3,861	6,816	175,616
1958.....	115,541	4,487	3,426	123,454	1966.....	172,791	4,194	7,541	184,517
1959.....	140,126	4,507	3,579	148,213	1967.....	205,627	4,083	8,613	218,323
1960.....	98,443	3,899	3,757	106,100	1968.....	306,815	4,438	10,001	321,254
1961.....	106,161	3,806	4,207	114,174	1969.....	283,907	4,371	11,425	299,703

<sup>1</sup> Includes receipts from Oregon and California Railroad Grant Lands and Tongass Indian lands.

Forest Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 799.

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**Table 796.—National forests: Payments to States and Puerto Rico from receipts from timber sales, grazing fees, and miscellaneous uses, years beginning July 1, 1968-70<sup>1</sup>**

State or other area	1968	1969	1970	State or other area	1968	1969	1970
	1,000 dollars	1,000 dollars	1,000 dollars		1,000 dollars	1,000 dollars	1,000 dollars
Alabama.....	226	237	226	New Hampshire.....	109	78	128
Alaska.....	1,518	1,575	1,081	New Mexico.....	257	677	486
Arizona.....	339	1,270	1,119	North Carolina.....	156	246	246
Arkansas.....	686	717	707	Ohio.....	9	14	12
California.....	8,605	15,701	13,534	Oklahoma.....	101	99	97
Colorado.....	330	707	495	Oregon.....	22,554	30,083	27,514
Florida.....	346	400	489	Pennsylvania.....	263	232	283
Georgia.....	311	283	283	South Carolina.....	553	756	592
Idaho.....	1,868	4,027	3,423	South Dakota.....	75	127	91
Illinois.....	34	47	35	Tennessee.....	96	118	106
Indiana.....	19	13	15	Texas.....	449	517	495
Kentucky.....	94	81	83	Utah.....	127	179	164
Louisiana.....	640	737	575	Vermont.....	172	159	141
Maine.....	8	5	9	Virginia.....	109	73	100
Michigan.....	242	239	287	Washington.....	8,855	12,862	13,283
Minnesota.....	122	118	144	West Virginia.....	217	219	208
Mississippi.....	1,326	1,329	1,348	Wisconsin.....	118	142	163
Missouri.....	197	359	493	Wyoming.....	186	248	286
Montana.....	1,744	4,231	3,089	Puerto Rico.....	2	2	2
Nebraska.....	18	23	28				
Nevada.....	62	82	72	Total.....	52,326	78,013	71,897

<sup>1</sup> Payments under the acts of May 20, 1908 (as amended) and July 24, 1956, are 25 percent of total receipts remaining after deducting (a) payments to Arizona and New Mexico on account school section lands administered by Forest Service, (b) appropriations of receipts under laws authorizing such appropriations for acquisition of lands in specified national forests or portions thereof, and (c) receipts from an area of the Superior National Forest, Minnesota, on account of which the State (for the counties) is paid 0.75 percent of the appraised valuation in lieu of 25 percent of the receipts.

<sup>2</sup> Includes \$505,362 representing 25 percent of Tongass (Alaska) Suspense Account receipts in year beginning July 1967.

<sup>3</sup> Includes \$551,820 representing 25 percent of Tongass (Alaska) Suspense Account receipts in year beginning July 1968.

<sup>4</sup> Includes \$1,052,244 representing 25 percent of Tongass (Alaska) Suspense Account receipts in year beginning July 1969.

Forest Service.

**Table 797.—National Forest System lands: Number of visitor-days,<sup>1</sup> by States, and Puerto Rico, 1970**

State or other area	Developed sites	Dispersed type	Total	State or other area	Developed sites	Dispersed type	Total
	Thousands	Thousands	Thousands		Thousands	Thousands	Thousands
Alabama.....	288	536	824	New Hampshire.....	926	1,062	1,988
Alaska.....	382	1,156	1,539	New Mexico.....	1,324	2,593	3,916
Arizona.....	3,526	4,361	7,887	New York.....	33	28	61
Arkansas.....	685	1,531	2,216	North Carolina.....	575	1,569	2,144
California.....	21,800	26,397	48,197	North Dakota.....	4	52	55
Colorado.....	5,009	6,589	11,598	Ohio.....	137	385	521
Florida.....	989	1,475	2,463	Oklahoma.....	121	261	382
Georgia.....	421	1,094	1,516	Oregon.....	7,513	9,770	17,283
Idaho.....	2,545	6,606	9,154	Pennsylvania.....	789	1,361	2,151
Illinois.....	288	533	821	South Carolina.....	142	804	946
Indiana.....	262	575	837	South Dakota.....	616	1,128	1,743
Kansas.....	7	33	40	Tennessee.....	661	880	1,570
Kentucky.....	303	665	968	Texas.....	489	868	1,358
Louisiana.....	364	282	646	Utah.....	3,183	5,082	8,264
Maine.....	19	22	41	Vermont.....	485	744	1,229
Michigan.....	1,178	3,065	4,243	Virginia.....	634	2,227	2,861
Minnesota.....	1,023	3,082	4,105	Washington.....	4,467	6,698	11,165
Mississippi.....	222	483	704	West Virginia.....	461	868	1,329
Missouri.....	397	1,009	1,406	Wisconsin.....	587	1,223	1,810
Montana.....	2,066	4,183	6,248	Wyoming.....	1,935	2,681	4,616
Nebraska.....	68	39	107	Puerto Rico.....	166	60	226
Nevada.....	536	820	1,356	Total.....	67,655	104,900	172,555

<sup>1</sup> Recreational use of national forest land and water which aggregates 12 person-hours. This may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent.

Forest Service.

## HUNTING AND FISHING; LUMBER; PULPWOOD CONSUMPTION 581

Table 798.—Hunting and fishing in National Forest System lands: Sportsman use, and population and hunter harvest of big game animals, United States, 1960-70

Year	Visitor-days <sup>1</sup>		Big game <sup>2</sup>		Big game hunter harvest <sup>4</sup>	
	Fishermen	Hunters	Deer	Others <sup>3</sup>	Deer	Others <sup>3</sup>
	Thousands	Thousands	Thousands	Thousands	Thousands	Thousands
1960.....	14,535	7,591	3,620	540	587	72
1961.....	15,986	8,535	3,840	561	602	80
1962.....	17,008	8,827	4,018	582	615	88
1963.....	18,151	9,938	3,930	590	584	81
1964.....	19,358	10,817	3,965	593	571	92
1965.....	16,197	14,100	4,023	623	574	96
1966.....	14,709	13,119	3,800	618	516	87
1967.....	13,956	13,249	3,996	634	530	93
1968.....	14,521	14,043	3,839	596	535	90
1969.....	14,868	14,148	3,691	599	562	96
1970.....	15,239	14,308	3,609	601	493	99

<sup>1</sup> Data for the years 1960-64 are user visits; beginning 1965, data are visitor-days. A visitor-day represents fisherman or hunter use which aggregates 12 person-hours. This may entail 1 person for 12 hours, 12 persons for 1 hour, or any equivalent combination of individual or group use, either continuous or intermittent.

<sup>2</sup> Inventory numbers as of Apr. 30.

<sup>3</sup> Includes antelope, bear, moose, mountain goat, bighorn, peccary, and wild boar.

<sup>4</sup> Year ending June 30.

Forest Service. Data for 1946-59 in *Agricultural Statistics, 1967*, table 802.

Table 799.—Lumber: Production, United States, 1954-69

Year	Total	Softwoods	Hardwoods	Year	Total	Softwoods	Hardwoods
	Million bd. ft.	Million bd. ft.	Million bd. ft.		Million bd. ft.	Million bd. ft.	Million bd. ft.
1954.....	36,356	29,282	7,074	1962.....	33,178	26,819	6,359
1955.....	37,380	29,815	7,565	1963.....	34,706	27,652	7,154
1956.....	38,199	30,281	7,968	1964.....	36,559	29,284	7,275
1957.....	32,901	27,100	5,801	1965.....	36,702	29,295	7,467
1958.....	33,385	27,379	6,006	1966.....	36,584	28,847	7,737
1959.....	37,166	30,509	6,657	1967.....	34,741	27,311	7,430
1960.....	32,926	26,672	6,254	1968.....	36,473	29,285	7,188
1961.....	32,019	26,066	5,953	1969 <sup>1</sup> .....	35,597	28,281	7,316

<sup>1</sup> Preliminary.

Forest Service. Data for 1929-53 in *Agricultural Statistics, 1967*, table 803.

Table 800.—Pulpwood consumption, wood pulp production, and paper and board production and consumption, United States, 1954-70

Year	Pulpwood consumption <sup>1</sup>	Wood pulp production	Paper and board		
			Production	Estimated total con- sumption or new supply <sup>2</sup>	Per capita consumption
	1,000 cords <sup>3</sup>	1,000 tons	1,000 tons	1,000 tons	Pounds
1954.....	29,679	18,256	26,876	31,379	386.4
1955.....	33,356	20,740	30,178	34,719	420.1
1956.....	35,749	22,131	31,441	36,496	434.0
1957.....	35,746	21,800	30,666	35,268	412.0
1958.....	35,248	21,796	30,823	35,119	403.5
1959.....	38,691	24,383	34,015	38,725	435.5
1960.....	40,485	25,316	34,444	39,138	433.2
1961.....	42,191	26,523	35,698	40,260	438.2
1962.....	44,070	27,908	37,543	42,218	452.4
1963.....	46,435	30,121	39,231	43,716	461.6
1964.....	50,148	32,415	41,703	46,380	482.9
1965.....	51,970	33,993	44,091	49,111	504.7
1966.....	56,260	36,603	47,113	52,680	535.1
1967.....	55,932	36,677	46,926	51,940	521.7
1968.....	62,062	40,892	51,245	55,666	553.3
1969 <sup>4</sup> .....	65,017	43,416	54,058	58,796	578.7
1970 <sup>4</sup> .....	64,570	41,805	52,470	56,894	554.0

See footnotes on page 584.



Table 801.—Turpentine: Supply and distribution, United States, 1961-70

Crop year beginning April	Supply											
	Stocks, Apr. 1			Production				Imports for consumption <sup>1</sup>		Total supply		
	Gum	Wood	Total	Gum	Wood			Total	Gum	Wood	Total	
					Steam distilled	Sulfate	Total wood					
Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	
1961.....	52,120	159,180	211,300	152,810	332,530	484,300	637,110	15,220	220,150	643,480	863,630	
1962.....	65,070	170,420	235,490	152,610	348,350	500,960	653,060	12,910	230,960	671,380	901,460	
1963.....	68,960	163,840	232,800	140,520	375,530	516,050	673,010	12,910	209,500	696,860	906,360	
1964.....	32,350	163,840	196,190	119,580	402,070	521,650	709,460	23,060	175,020	723,230	898,250	
1965.....	26,590	110,650	137,240	111,370	420,660	532,030	709,460	18,010	155,970	690,940	855,910	
1966.....	26,810	114,280	141,090	84,210	426,750	511,290	665,500	17,800	130,820	695,570	826,390	
1967.....	21,610	118,670	140,280	67,740	419,730	487,470	652,940	20,790	110,140	678,870	789,010	
1968.....	16,260	89,140	105,400	50,410	473,160	523,570	632,170	22,730	89,400	690,900	780,300	
1969.....	11,010	73,740	84,750	34,990	461,330	496,320	617,370	23,050	69,850	638,120	727,170	
1970.....	13,360	68,470	81,830	25,830	455,350	481,180	549,970	24,130	63,320	618,440	681,760	

Crop year beginning April	Distribution											
	Exports <sup>1</sup>			Stocks, Mar. 31			Domestic disappearance <sup>3</sup>			Reported industrial consumption <sup>4</sup>		
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total
Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>	Barrils <sup>2</sup>
1961.....	47,120	35,080	82,200	65,070	170,420	235,490	107,950	437,970	545,930	3,190	304,200	307,390
1962.....	58,320	42,050	100,370	68,960	163,850	232,810	102,780	465,480	568,260	3,570	403,770	407,340
1963.....	61,920	37,450	99,370	32,350	163,710	196,060	85,330	461,780	547,030	3,370	417,260	420,630
1964.....	47,200	37,700	84,900	26,590	110,650	137,240	101,230	574,890	676,110	2,990	491,000	494,990
1965.....	21,510	23,610	45,120	28,810	114,280	143,090	105,650	593,090	697,700	8,240	527,380	535,620
1966.....	22,140	14,310	36,450	21,610	118,670	140,280	97,070	582,980	694,660	11,960	545,390	557,350
1967.....	17,980	14,830	32,810	16,260	89,140	105,400	75,490	573,700	649,660	4,000	527,370	531,370
1968.....	7,370	32,410	39,780	11,010	73,740	84,750	53,730	537,770	601,590	3,530	507,670	511,200
1969.....	8,190	44,870	53,060	11,360	68,470	79,830	50,180	560,180	610,360	3,340	593,250	596,590
1970.....	6,130	38,530	44,660	12,990	81,630	94,620	44,230	503,290	547,520	3,120	533,100	536,220

<sup>1</sup> Reports of the U.S. Department of Commerce.<sup>2</sup> Barrils of 50 gallons.<sup>3</sup> Total supply less exports and Mar. 31 stocks.<sup>4</sup> The difference between domestic disappearance and reported industrial consumption is chiefly retail sales.Statistical Reporting Service. Data for 1944-50 in *Agricultural Statistics, 1967*, table 805.

1  
 Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 805.  
 \* Total supply less exports and Mar. 31 stocks.  
 \* The difference between domestic disappearance and reported industrial consumption.

Table 802.—Rosin: Supply and distribution, United States, 1961-70

Crop year beginning April	Supply									
	Stocks, Apr. 1					Imports <sup>1</sup>				
	Production					Total supply				
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Total
	Distribution					Reported industrial consumption <sup>1</sup>				
	Stocks, Mar. 31					Domestic disappearance <sup>1</sup>				
	Exports <sup>2</sup>					Total				
	Gum	Wood	Total	Gum	Wood	Total	Gum	Wood	Total	Total
1961.....	1,000 drums: 123	1,000 drums: 188	1,000 drums: 311	1,000 drums: 474	1,000 drums: 1,104	1,000 drums: 1,578	1,000 drums: 2	1,000 drums: 567	1,000 drums: 1,765	1,000 drums: 2,365
1962.....	179	281	460	448	1,048	1,517	0	673	1,852	2,533
1963.....	356	333	689	358	1,038	1,396	815	1,059	2,064	2,774
1964.....	298	346	644	361	1,036	1,397	865	1,097	2,062	2,962
1965.....	851	374	1,225	273	966	1,239	1,099	2,052	3,151	2,962
1966.....	835	309	1,144	223	965	1,148	1,035	1,984	3,013	2,014
1967.....	694	266	960	171	850	1,021	1,035	1,941	2,976	2,013
1968.....	485	236	721	119	839	960	865	1,859	2,724	2,806
1969.....	327	124	451	88	768	856	614	1,859	2,473	2,473
1970.....							(9)	415	1,662	2,107

<sup>1</sup> Rosin, not for violins; imports for consumption, as reported by the U.S. Department of Commerce, of 530 pounds net weight for wood; 617 pounds for gum.  
<sup>2</sup> The breakdown between gum and wood rosin imports not available.  
<sup>3</sup> Less than 500 drums.  
<sup>4</sup> Reports of the U.S. Department of Commerce.  
<sup>5</sup> Total supply less exports and Mar. 31 stocks.  
<sup>6</sup> The difference between domestic disappearance and reported industrial consumption is due to unreported industrial consumption; failure of some consumers to distinguish in their reports between gum, wood, and modified or derived rosins; and the inclusion of modified rosins in exports.  
 Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 805.

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Table 803.—Turpentine and rosin: Reported industrial consumption, United States, 1968-70

Year	Turpentine, crop year beginning April			Rosin, <sup>1</sup> crop year beginning April		
	1968	1969	1970	1968	1969	1970
	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Barrels</i> <sup>2</sup>	<i>Drums</i> <sup>3</sup>	<i>Drums</i> <sup>3</sup>	<i>Drums</i> <sup>3</sup>
Chemicals and rubber.....	595,380	593,470	529,350	720,720	701,760	623,610
Ester gums and synthetic resins.....	0	0	0	243,710	230,940	228,290
Paint, varnish, and lacquer.....	2,720	1,900	1,620	56,820	54,680	57,350
Paper and paper size.....	0	0	0	518,230	499,790	519,320
Other industries.....	3,400	3,220	5,250	61,950	53,520	43,120
Total.....	601,500	598,590	536,220	1,601,530	1,540,690	1,471,690

<sup>1</sup> Includes B-wood resin.<sup>2</sup> Barrels of 50 gallons.<sup>3</sup> Drums of 520 pounds net weight for wood; 517 pounds for gum.

Statistical Reporting Service.

Table 804.—Gum naval stores: Market prices and value, United States, 1961-70

Crop year beginning April	Average price per standard barrel received by producers for commercial crude gum delivered at central stills	Weighted average market price <sup>1</sup>		Market value of production		
		Turpentine, per gallon	Rosin, per 100 pounds, net	Turpentine	Rosin	Turpentine and rosin
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1961.....	33.10	0.247	11.95	1,887	29,315	31,202
1962.....	28.90	.201	11.05	1,529	28,158	29,687
1963.....	29.60	.339	11.00	2,382	26,101	28,483
1964.....	30.50	.450	11.02	2,691	22,368	25,059
1965.....	30.20	.535	10.36	3,091	19,352	22,443
1966.....	29.80	.562	10.30	2,366	14,534	16,900
1967.....	31.00	.574	10.36	1,944	11,996	13,910
1968.....	31.24	.770	10.45	1,941	9,241	11,182
1969.....	36.57	1.138	11.80	1,991	7,244	9,235
1970.....	47.37	1.200	15.03	1,550	6,818	8,368

<sup>1</sup> Computed from data compiled by the Market News Service in Savannah, Ga.Statistical Reporting Service. Data for 1944-60 in *Agricultural Statistics, 1967*, table 808.

## FOOTNOTES FOR TABLE 800

<sup>1</sup> Includes changes in stocks.<sup>2</sup> Production plus imports and minus exports; changes in inventories not taken into account.<sup>3</sup> One cord equals 128 cubic feet.<sup>4</sup> Preliminary.Forest Service. Compiled from U.S. Department of Commerce publications. Data for 1929-53 in *Agricultural Statistics, 1967*, table 804.

## CHAPTER XIII

# CONSUMPTION AND FAMILY LIVING

The statistics in this chapter deal with the consumption of food by both rural and urban people, retail price levels, and other aspects of family living of farm people. Data presented here on quantities of food available for consumption are based on material presented in the earlier commodity chapters, but they are shown here at the retail level, a form that is more useful for an analysis of the demand situation faced by the producer. Data on quantities of farm-produced food consumed directly by farm households are presented in the commodity chapters. Its value and the rental value of the farm home are given in the section on farm income, table 687.

Seasonal indexes for housekeeping households are shown on a "per person" basis in this issue. Index numbers of prices paid by farmers for commodities used in family living are shown in table 685 and have been deleted from this chapter.

**Table 805.—Population: Number of people eating from civilian food supplies, United States, Jan. 1 and July 1, 1954-71<sup>1</sup>**

Year	Jan. 1	July 1	Year	Jan. 1	July 1
	Millions	Millions		Millions	Millions
1954.....	157.7	159.1	1963.....	185.2	186.4
1955.....	160.7	162.3	1964.....	187.9	189.1
1956.....	163.9	165.4	1965.....	190.5	191.5
1957.....	167.0	168.4	1966.....	192.6	193.3
1958.....	170.1	171.5	1967.....	194.3	195.2
1959.....	173.1	174.5	1968.....	196.3	197.0
1960.....	176.8	178.1	1969.....	198.2	199.1
1961.....	179.7	181.1	1970.....	200.4	201.6
1962.....	182.4	183.6	1971.....	203.0	.....

<sup>1</sup> Beginning 1960, includes Alaska and Hawaii.

Economic Research Service. Estimates based on published and unpublished records of the U.S. Department of Commerce. Data for 1929-53 in *Agricultural Statistics, 1967*, table 809.

**Table 806.—Food nutrients: Quantities available for consumption per capita per day, United States, 1954-70<sup>1</sup>**

Year	Food energy	Protein	Fat	Carbo- hydrate	Calcium	Phos- phorus	Iron <sup>2</sup>	Vita- min A value <sup>3</sup>	Thia- min <sup>3</sup>	Ribo- flavin <sup>3</sup>	Niacin <sup>3</sup>	Ascor- bic acid <sup>4</sup>
	Calories	Grams	Grams	Grams	Grams	Grams	Milli- grams	Inter- national units	Milli- grams	Milli- grams	Milli- grams	Milli- grams
1954.....	3,150	94	142	380	0.98	1.51	16.0	8,000	1.81	2.28	20.1	105
1955.....	3,180	95	146	378	1.00	1.53	16.2	8,200	1.87	2.31	20.3	106
1956.....	3,180	96	146	378	.99	1.54	16.4	8,200	1.87	2.32	20.7	105
1957.....	3,110	95	141	372	.98	1.52	16.1	8,100	1.83	2.29	20.5	107
1958.....	3,120	94	142	375	.97	1.50	16.1	8,000	1.82	2.27	20.5	102
1959.....	3,170	95	147	376	.98	1.52	16.2	8,100	1.86	2.29	20.8	106
1957-59.....	3,140	95	143	374	.96	1.51	16.1	8,000	1.84	2.28	20.6	105
1960.....	3,140	95	143	375	.97	1.51	16.3	8,000	1.85	2.27	20.9	108
1961.....	3,120	95	142	374	.96	1.50	16.4	7,800	1.84	2.26	21.0	107
1962.....	3,120	94	142	373	.96	1.49	16.3	7,800	1.83	2.25	21.0	107
1963.....	3,150	96	145	371	.96	1.51	16.5	7,900	1.84	2.26	21.4	102
1964.....	3,190	97	148	374	.97	1.51	16.7	7,700	1.84	2.28	21.6	100
1965.....	3,140	96	145	371	.95	1.50	16.4	7,700	1.78	2.24	21.4	101
1966.....	3,170	97	147	371	.95	1.50	16.5	7,600	1.77	2.26	21.6	102
1967.....	3,210	98	150	373	.94	1.52	16.9	7,700	1.83	2.27	22.1	108
1968.....	3,260	99	154	378	.95	1.53	17.1	7,900	1.84	2.28	22.4	106
1969.....	3,270	99	154	380	.94	1.53	17.1	7,800	1.84	2.27	22.4	108
1970 <sup>5</sup> .....	3,290	100	155	381	.93	1.52	17.2	7,800	1.84	2.26	22.6	108

<sup>1</sup> Quantities of nutrients computed by Agricultural Research Service, Consumer and Food Economics Research Division, on the basis of estimates of per capita food consumption (retail weight), including estimates of produce of home gardens, prepared by the Economic Research Service. No deduction has been made in nutrient estimates for loss or waste of food in the home, use for pet food, or for destruction or loss of nutrients during the preparation of food. Civilian only.

<sup>2</sup> Includes estimates of quantities added to flour and cereal products.

<sup>3</sup> Includes estimates of quantities added to margarine and to milk of all types.

<sup>4</sup> Includes estimates of quantities added to fruit juices and drinks.

<sup>5</sup> Preliminary.

Agricultural Research Service. Data for 1909-53 in *Agricultural Statistics, 1967*, table 812.

Table 807.—Food nutrients: Percentage of total contributed by major food groups, average 1957-59, annual 1970<sup>1</sup>

Food group and period	Food energy	Protein	Fat	Carbohydrate	Calcium	Phosphorus	Iron	Vitamin A value	Thiamin	Riboflavin	Niacin	Ascorbic acid
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
AVERAGE 1957-59												
Meat (including pork fat cuts), poultry, and fish...	18.2	33.7	33.0	0.1	3.2	22.0	27.1	19.3	21.1	21.2	43.3	1.1
Eggs...	2.6	6.8	4.0	1.1	3.2	3.2	4.0	1.3	1.3	1.3	1.3	0.1
Dairy products, excluding butter...	13.6	24.1	13.4	7.7	76.6	38.8	2.3	12.7	10.5	45.3	2.0	5.2
Fats and oils, including butter...	10.7	4.4	38.2	( <sup>2</sup> )	1.5	6	0	8.7	0	0	0	0
Other fruits...	2.6	8	1	1.5	8	6	8	1.1	2.1	4	7	22.1
Potatoes and sweetpotatoes...	2.8	3	3	5.6	1.3	1.3	4.4	6.9	2.2	1.8	2.3	10.9
Dark green and deep yellow vegetables...	2.8	2.4	1	5.3	1.0	3.9	4.3	8.3	6.4	1.9	7.6	20.6
Other vegetables, including tomatoes...	2.3	3.3	( <sup>2</sup> )	5	1.6	7	1.9	20.7	9.9	1.2	6.7	8.2
Dry beans and peas, nuts, soy flour...	2.9	3.2	4	4.2	4.6	4.7	9.1	13.8	6.9	1.4	6.2	30.8
Flour and cereal products...	21.4	19.9	3.2	37.3	2.3	13.7	25.3	( <sup>2</sup> )	34.8	14.6	25.2	( <sup>2</sup> )
Sugar and other sweeteners...	13.8	( <sup>2</sup> )	1.5	34.2	3.8	13.7	4.2	0	( <sup>2</sup> )	1.1	( <sup>2</sup> )	0
Coffee and cocoa <sup>4</sup> ...	8	4	1.4	7	1.1	2.0	3.0	( <sup>2</sup> )	.1	.8	6.4	100.0
Total <sup>4</sup> ...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1970 <sup>1</sup>												
Meat (including pork fat cuts), poultry, and fish...	20.3	41.5	34.9	1	3.6	25.2	30.8	23.3	29.5	25.5	47.1	1.1
Eggs...	1.3	5.8	3.7	1.1	2.6	6.0	4.0	6.8	2.5	5.9	1.1	0
Dairy products, excluding butter...	17.7	22.1	12.7	6.9	75.8	38.0	2.3	11.3	9.7	42.4	1.6	4.5
Fats and oils, including butter...	11.8	4	42.3	( <sup>2</sup> )	1.3	6	0	8.4	0	0	0	0
Other fruits...	2.4	6	1	1.7	8	6	8	1.3	2.5	5	8	24.5
Potatoes and sweetpotatoes...	2.8	2.4	3	5.1	1.3	1.2	3.7	6.6	2.0	1.0	1.9	12.0
Dark green and deep yellow vegetables...	2.2	4	1	5.5	1.0	4.6	4.6	3.7	6.6	1.8	7.4	20.3
Other vegetables, including tomatoes...	2.4	3.2	( <sup>2</sup> )	4	1.5	6	1.9	20.8	7.9	1.0	8.9	8.4
Dry beans and peas, nuts, soy flour...	2.9	3.0	3.5	4.3	4.7	4.7	9.2	18.3	5.6	1.3	6.8	28.2
Flour and cereal products...	18.6	18.1	0.4	35.8	3.4	12.6	25.6	( <sup>2</sup> )	33.7	14.3	23.5	( <sup>2</sup> )
Sugar and other sweeteners...	13.8	( <sup>2</sup> )	1.4	37.1	1.1	2	5.6	4	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	0
Coffee and cocoa <sup>4</sup> ...	7	4	1.2	6	1.0	1.5	2.6	( <sup>2</sup> )	.1	.7	5.2	100.0
Total <sup>4</sup> ...	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

<sup>1</sup> Percentages were derived from nutrient data which include quantities of iron, thiamin, riboflavin, and niacin added to flour and cereal products; quantities of vitamin A value added to margarine and milk of all types; and quantities of ascorbic acid added to fruit juices and drinks.

<sup>2</sup> Less than 0.05 percent.

<sup>3</sup> Chocolate liquor equivalent of cocoa beans.  
<sup>4</sup> Components may not add to total due to rounding.  
<sup>5</sup> Preliminary.

Agricultural Research Service.

## FOOD CONSUMPTION

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Table 808.—Food consumption: Index of per capita consumption, by major food groups, United States, 1954-70<sup>1</sup>

[1967=100]

Year	Meat, poultry, fish				Eggs	Dairy products		Fats and oils			
	Meat <sup>1</sup>	Poultry	Fish	Total		In- cluding butter	Ex- cluding butter	Ex- cluding butter	Including butter		
									Animal	Vege- table	Total
1954.....	91.7	61.3	101.7	87.8	115.7	108.5	104.9	81.2	137.4	77.2	98.6
1955.....	95.9	57.6	94.9	89.5	114.3	109.8	106.2	81.4	142.1	75.6	99.0
1956.....	97.7	64.6	96.0	92.1	113.7	110.2	106.9	80.7	141.4	73.3	97.4
1957.....	92.5	68.7	94.4	88.7	111.9	108.5	105.7	79.6	134.9	73.1	94.9
1958.....	87.8	74.2	95.7	86.1	109.5	107.5	104.6	81.8	133.6	75.9	96.2
1959.....	91.9	76.8	102.8	90.0	109.0	107.2	104.8	83.5	131.0	79.4	97.8
1960.....	92.3	74.5	95.3	89.5	103.6	105.7	103.7	84.9	122.6	80.7	95.6
1961.....	91.7	82.0	99.1	90.6	101.4	104.3	102.3	84.7	125.3	78.5	95.0
1962.....	92.7	80.7	98.2	91.1	101.0	104.8	102.8	86.2	123.2	81.4	96.2
1963.....	95.7	82.0	99.3	93.6	98.2	104.1	102.6	89.5	118.5	85.1	96.8
1964.....	95.5	83.8	97.1	95.9	98.5	104.1	102.7	92.6	115.7	90.3	99.2
1965.....	93.9	89.2	101.0	93.6	97.0	103.4	102.5	93.7	111.1	91.9	98.6
1966.....	96.1	95.7	100.0	96.2	97.0	102.0	102.0	100.7	99.5	101.8	100.9
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968.....	102.8	98.9	101.7	102.1	99.0	101.0	100.9	103.8	102.5	104.0	103.4
1969.....	102.2	103.2	102.2	102.3	98.0	99.8	99.9	106.7	94.9	110.4	104.9
1970 <sup>2</sup> .....	104.1	109.5	105.0	105.1	98.3	98.8	99.1	110.4	90.9	115.8	107.0

Year	Fruits			Melons <sup>4</sup>	Fruits, melons, baby food	Fresh <sup>4</sup>	Vegetables			Total <sup>4</sup>
	Fresh	Processed	Total				Processed			
							Canned	Frozen	Total	
1954.....	124.6	85.0	104.3	126.7	104.8	111.5	78.3	60.8	74.0	98.6
1955.....	117.6	91.7	103.8	127.3	104.2	111.6	82.2	68.1	78.9	100.2
1956.....	118.3	93.4	105.1	119.6	104.9	110.3	83.5	70.8	80.4	100.0
1957.....	115.8	96.4	105.5	107.6	104.9	109.6	82.9	72.0	80.3	99.4
1958.....	112.8	90.4	100.9	112.8	101.0	106.4	84.7	76.5	82.8	98.2
1959.....	116.7	93.1	104.1	109.7	104.0	105.5	84.3	77.4	82.6	97.6
1960.....	111.3	95.3	102.8	112.2	103.1	106.8	85.6	80.1	84.3	98.9
1961.....	107.4	92.1	98.3	109.0	99.8	104.5	86.4	79.7	84.8	97.7
1962.....	102.1	95.6	98.7	104.2	98.9	101.6	90.3	85.7	80.2	97.2
1963.....	92.5	87.7	90.0	108.1	91.1	101.2	91.1	83.4	89.3	97.0
1964.....	97.8	84.6	90.9	102.0	91.7	99.6	91.8	89.1	91.2	96.7
1965.....	100.5	89.7	94.7	102.9	95.4	99.6	94.8	94.2	94.6	97.8
1966.....	100.5	90.5	95.2	96.0	95.4	97.9	96.6	97.8	96.9	97.5
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968.....	98.0	96.7	97.3	100.8	97.6	98.7	102.8	106.0	103.5	100.4
1969.....	98.5	102.7	100.8	105.3	101.0	98.9	105.9	100.3	104.6	100.9
1970 <sup>3</sup> .....	101.8	102.7	102.3	105.5	102.4	99.8	103.1	98.2	101.9	100.5

Year	Vege- tables, soup, baby food	Potatoes and sweet- potatoes <sup>4</sup>	Beans, peas, nuts, soya pro- ducts <sup>4</sup>	Flour and cereal products <sup>4</sup>	Sugars and other sweet- eners <sup>4</sup>	Coffee, tea, cocoa	All foods		
							Animal products	Crop products <sup>4</sup>	Total
1954.....	96.5	72.5	96.0	111.2	95.4	94.9	96.3	96.6	96.3
1955.....	98.3	73.6	92.6	105.3	96.2	95.8	97.7	96.1	96.9
1956.....	98.3	70.2	98.5	103.8	97.4	100.7	99.5	96.3	98.1
1957.....	98.0	71.0	94.2	102.2	94.2	99.8	96.6	95.3	96.1
1958.....	97.5	70.6	93.8	103.8	97.0	97.3	94.6	95.1	94.8
1959.....	97.1	75.1	99.1	103.0	97.2	101.4	96.9	96.7	95.8
1960.....	98.6	79.0	97.3	102.6	98.2	100.5	98.7	97.1	96.4
1961.....	97.7	80.2	98.4	101.9	98.3	101.8	95.8	96.4	96.0
1962.....	97.3	82.1	98.8	101.0	98.8	102.1	96.2	96.5	96.3
1963.....	97.4	85.9	100.4	100.1	98.9	105.3	97.3	95.9	96.6
1964.....	97.0	87.9	101.3	100.7	99.3	102.4	98.8	96.4	97.6
1965.....	98.0	92.4	103.0	100.9	99.3	99.3	96.9	97.6	97.2
1966.....	97.8	100.4	96.1	98.4	100.5	99.4	98.1	98.6	98.3
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968.....	100.4	104.0	103.3	100.7	103.0	100.3	101.5	101.1	101.2
1969.....	100.8	106.6	99.2	101.1	103.6	98.0	101.1	102.0	101.5
1970 <sup>5</sup> .....	100.5	107.4	99.3	98.7	105.8	93.8	102.4	102.5	102.4

See footnotes on page 589.



Table 809.—All foods: Per capita consumption, retail-weight equivalent, by major food groups, United States, 1954-70<sup>1</sup>

Year	Meat, poultry, fish				Eggs	Dairy products			Fats and oils		
	Meat <sup>1</sup>	Poultry	Fish <sup>2</sup>	Total		In- cluding butter	Ex- cluding butter	Ex- cluding butter	Including butter <sup>4</sup>		
									Animal	Vegetable	Total
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1954.....	144.9	28.5	13.5	186.9	47.4	403	394	39.9	21.5	27.3	48.8
1955.....	152.2	26.7	12.9	191.8	46.9	407	398	40.2	22.7	26.5	49.2
1956.....	154.9	30.0	12.9	197.8	46.6	409	400	39.8	23.1	25.4	48.5
1957.....	146.7	31.8	12.8	191.3	45.9	403	395	39.3	21.8	25.8	47.6
1958.....	139.6	34.4	13.3	187.3	44.9	398	390	40.4	21.7	27.0	48.7
1959.....	146.6	35.6	13.7	195.9	44.7	393	385	41.7	21.5	28.1	49.6
1960.....	146.9	34.6	13.2	194.7	42.5	384	376	41.1	20.1	28.5	48.6
1961.....	145.4	37.8	13.7	196.9	41.7	377	370	41.0	20.8	27.6	48.4
1962.....	147.1	37.4	13.6	198.1	41.4	376	368	41.6	20.1	28.9	49.0
1963.....	152.0	37.9	13.7	203.6	40.4	374	368	42.6	19.6	29.9	49.5
1964.....	155.7	38.9	13.5	208.1	40.4	374	367	43.9	18.7	32.1	50.8
1965.....	148.3	41.3	13.9	203.5	39.9	373	366	44.5	18.4	32.5	50.9
1966.....	151.4	44.3	13.8	209.5	39.9	371	365	47.2	17.0	35.9	52.9
1967.....	158.3	46.2	13.9	218.4	41.1	362	357	47.0	17.3	35.2	52.5
1968.....	162.4	45.9	14.0	222.3	40.7	364	358	48.7	17.8	36.6	54.4
1969.....	161.4	47.8	14.1	223.3	40.3	360	355	49.8	16.0	39.2	55.2
1970 <sup>5</sup> .....	164.5	50.8	14.4	229.7	40.4	354	349	51.1	15.2	41.2	56.4

Year	Fruits			Melons <sup>6</sup>	Fruits, melons, baby food	Vegetables				Total <sup>8</sup>
	Fresh	Processed	Total			Fresh <sup>7</sup>	Processed			
							Canned	Frozen	Total	
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1954.....	101.0	45.7	146.7	32.3	180.5	154.7	42.2	5.4	46.5	201.9
1955.....	95.1	48.9	144.0	33.0	178.4	154.4	42.7	5.9	48.1	202.8
1956.....	95.1	49.2	144.3	30.1	175.8	154.4	42.7	6.0	48.7	203.1
1957.....	92.9	50.8	143.7	27.6	173.0	152.9	42.9	6.2	49.1	202.0
1958.....	90.2	50.0	140.2	29.5	171.5	149.3	43.5	6.6	50.1	199.4
1959.....	92.1	48.4	140.5	26.9	169.4	146.7	43.6	6.8	50.4	197.1
1960.....	89.6	50.3	139.9	28.2	170.2	150.2	43.4	7.0	50.4	200.6
1961.....	85.8	49.0	134.8	27.4	164.4	146.9	43.5	6.9	50.4	197.3
1962.....	81.0	49.8	130.8	24.9	157.0	143.7	45.2	7.4	52.6	196.3
1963.....	72.2	48.3	120.5	26.2	149.0	143.7	46.1	7.2	53.3	197.0
1964.....	77.1	46.5	123.6	24.8	150.7	141.1	45.8	7.6	53.4	194.5
1965.....	79.9	48.1	128.0	25.4	155.7	141.1	46.9	8.0	54.9	196.0
1966.....	79.7	49.4	129.1	23.9	153.3	138.5	47.4	8.8	56.2	194.7
1967.....	80.3	52.0	132.3	24.3	158.9	140.6	48.9	9.0	57.9	198.5
1968.....	77.3	50.9	128.2	24.3	154.8	141.2	50.4	9.6	60.0	201.2
1969.....	78.0	55.5	133.5	24.9	160.7	141.0	51.4	9.1	60.5	201.5
1970 <sup>5</sup> .....	80.8	54.4	135.2	25.1	162.6	141.6	51.0	9.0	60.0	201.6

Year	Vegetables, soup, baby food <sup>9</sup>	Potatoes and sweet-potatoes <sup>9</sup>	Beans, peas, nuts, soya products <sup>10</sup>	Flour and cereal products <sup>9</sup>	Sugars and other sweeteners <sup>10</sup>	Coffee, tea, cocoa	All foods <sup>11</sup>		
							Animal products	Crop products	Total
		Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
1954.....	210.1	111.6	16.4	155	106.0	14.7	650	823	1,473
1955.....	211.2	113.7	16.2	152	106.3	15.0	659	820	1,479
1956.....	211.7	107.2	16.9	150	107.6	15.5	668	811	1,479
1957.....	211.0	112.6	16.5	148	104.3	15.3	654	807	1,461
1958.....	208.8	107.4	16.3	150	107.4	14.7	644	804	1,448
1959.....	206.9	110.0	16.9	147	107.7	15.2	647	802	1,449
1960.....	210.8	109.4	16.5	147	108.8	15.1	653	807	1,460
1961.....	207.7	109.9	16.8	147	109.2	15.4	629	799	1,428
1962.....	206.8	107.1	16.9	146	110.0	15.4	628	790	1,418
1963.....	207.6	110.2	17.0	144	110.5	15.6	632	785	1,417
1964.....	205.1	106.8	17.1	144	111.6	15.4	634	784	1,418
1965.....	206.6	104.3	16.6	144	111.7	15.1	628	788	1,416
1966.....	205.3	108.3	15.6	143	113.0	15.1	631	793	1,424
1967.....	209.1	104.8	16.4	144	112.6	15.2	634	798	1,432
1968.....	211.8	107.5	16.1	144	116.2	15.3	639	804	1,443
1969.....	212.1	107.8	16.3	145	116.9	14.5	635	814	1,449
1970 <sup>5</sup> .....	212.2	106.7	15.6	142	119.5	14.3	634	815	1,449

See footnotes on page 594.

Table 810.—Food plans: Food cost at home, at three cost levels, for families and individuals in the United States and for families by region, for one week, April 1971<sup>1</sup>

Region and sex-age groups <sup>2</sup>	Low-cost plan	Moderate-cost plan	Liberal plan
<b>FAMILIES</b>			
United States:	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
Family of two, 20-35 years <sup>3</sup> .....	18.70	23.80	29.30
Family of two, 55-75 years <sup>3</sup> .....	15.30	19.80	23.90
Family of four, preschool children <sup>4</sup> .....	27.10	34.50	42.00
Family of four, school children <sup>4</sup> .....	31.50	40.20	49.40
<b>INDIVIDUALS<sup>5</sup></b>			
United States:			
Children under 1 year.....	3.60	4.60	5.10
1-3 years.....	4.00	5.80	6.90
3-6 years.....	5.50	7.10	8.50
6-9 years.....	6.70	8.60	10.70
Girls, 9-12 years.....	7.60	9.80	11.50
12-15 years.....	8.40	10.90	13.20
15-20 years.....	8.60	10.80	12.90
Boys, 9-12 years.....	7.80	10.60	12.10
12-15 years.....	9.10	12.00	14.30
15-20 years.....	10.40	13.40	16.20
Women, 20-35 years.....	7.90	10.00	12.10
35-55 years.....	7.50	9.60	11.60
55-75 years.....	6.40	8.30	9.90
75 years and over.....	5.80	7.40	9.00
Pregnant.....	9.40	11.70	13.80
Nursing.....	10.90	13.40	15.80
Men, 20-35 years.....	9.10	11.60	14.50
35-55 years.....	8.50	10.80	13.20
55-75 years.....	7.50	9.70	11.80
75 years and over.....	7.00	9.40	11.30
<b>FAMILIES</b>			
Northeast:			
Family of two, 20-35 years <sup>3</sup> .....	20.90	26.60	31.60
Family of two, 55-75 years <sup>3</sup> .....	17.30	22.20	25.80
Family of four, preschool children <sup>4</sup> .....	30.40	38.80	45.50
Family of four, school children <sup>4</sup> .....	35.30	45.30	53.60
North Central:			
Family of two, 20-35 years <sup>3</sup> .....	18.80	22.90	28.40
Family of two, 55-75 years <sup>3</sup> .....	15.40	19.10	23.10
Family of four, preschool children <sup>4</sup> .....	27.20	33.20	40.90
Family of four, school children <sup>4</sup> .....	31.60	38.80	48.20
South:			
Family of two, 20-35 years <sup>3</sup> .....	17.50	22.40	27.60
Family of two, 55-75 years <sup>3</sup> .....	14.30	18.80	22.30
Family of four, preschool children <sup>4</sup> .....	25.30	32.50	39.60
Family of four, school children <sup>4</sup> .....	29.50	37.90	46.60
West:			
Family of two, 20-35 years <sup>3</sup> .....	19.00	23.00	28.50
Family of two, 55-75 years <sup>3</sup> .....	15.50	19.10	23.20
Family of four, preschool children <sup>4</sup> .....	27.60	33.30	40.80
Family of four, school children <sup>4</sup> .....	32.10	38.90	47.90

<sup>1</sup> Estimated from food quantities shown in *Agricultural Statistics, 1963*, table 807, slightly revised in 1964, and prices paid by urban families. The prices per pound of each food group are averages of those paid by families at selected income levels surveyed in 1965 adjusted to current levels by use of Retail Food Prices by Cities (a sample of 56 urban areas for the United States; Boston for Northeast Region; St. Louis for North Central; Atlanta for the South; and Los Angeles for the West) released periodically by the Bureau of Labor Statistics. Revisions in food quantities in 1964 resulted in insignificant changes in cost, except for about 10 percent increase in cost for women 20 to 55 years and 10 percent decrease for men 55 years and over.

<sup>2</sup> Age groups include the persons of the first age listed up to but not including those of the second age listed. <sup>3</sup> Ten percent added for family size adjustment. <sup>4</sup> Man and woman, 20 to 35 years; children, 1 to 3 and 3 to 6 years.

<sup>5</sup> Man and woman, 20 to 35 years; child, 6 to 9 and boy, 9 to 12 years. <sup>6</sup> The costs given are for individuals in 4-person families. For individuals in other size families, the following adjustments are suggested: 1-person—add 20 percent; 2-person—add 10 percent; 3-person—add 5 percent; 5-person—subtract 5 percent; 6-or-more person—subtract 10 percent.

Agricultural Research Service.

## FOOTNOTES FOR TABLE 808

<sup>1</sup> Civilian consumption only. Includes Alaska and Hawaii, beginning 1960. Quantities of individual foods, measured in pounds equivalent to the form sold at retail food stores are combined into indexes using average retail prices in 1947-49 for 1909 through 1954, and prices in 1957-59, beginning 1955; indexes were linked at 1955. <sup>2</sup> Includes edible oil. <sup>3</sup> Preliminary. <sup>4</sup> Data for melons, fresh vegetables, potatoes, sweet-

potatoes, and dry beans and peas include consumption from home garden produce. <sup>5</sup> Corn sugar and sirups are included with sugars and other sweeteners. <sup>6</sup> Excludes sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk. <sup>7</sup> Excludes spices and herbs.

Economic Research Service.

Table 811.—Seasonal food indexes: Money value of food and quantities of selected foods consumed in a week by housekeeping households on a per person basis, United States, 1965-66

Item	Unit	Average per person		Year average = 100				Seasonal indexes			
		Year	Spring	Spring	Summer	Fall	Winter	Year	Summer	Fall	Winter
Household size <sup>1</sup>	Number	3.27	3.29	100.6	103.1	99.1	97.6	99.4	102.4	98.5	97.0
Money value of all food	Dollars	10.681	10.641	99.6	99.7	100.4	100.4	100.4	100.1	100.2	100.3
From household food supplies <sup>2</sup>	Do.	8.777	8.784	100.8	100.3	99.7	100.8	99.2	97.6	98.8	99.3
Purchased	Do.	8.122	8.191	100.8	98.4	98.7	103.0	110.9	143.0	114.2	83.7
Home-produced <sup>3</sup>	Do.	.428	.380	90.2	129.0	103.0	75.5	110.9	99.2	106.2	105.3
Purchased away from home	Do.	1.908	1.857	97.3	96.6	103.4	102.5	102.7	99.2	106.2	105.3
Quantities from household food supplies:											
Milk, cream, cheese (calcium equivalent <sup>4</sup> )	Quarts	4.127	4.070	98.6	96.3	102.4	103.0	101.4	97.7	103.8	104.4
Fresh fluid milk	Do.	2.815	2.705	96.1	93.6	105.1	105.8	104.1	97.4	109.4	110.0
Ice cream	Do.	.333	.346	103.9	116.8	93.4	85.0	96.2	112.4	89.9	81.8
Cheese	Pounds	.337	.332	104.5	100.9	96.8	97.9	96.7	96.6	91.8	93.8
Fats and oils	Do.	.809	.821	101.5	99.6	101.1	98.0	98.5	98.2	99.6	96.6
Butter	Do.	.122	.126	103.3	91.0	108.8	94.3	96.8	98.1	106.3	91.3
Solid dressings, oil, shortening	Do.	.442	.452	102.3	103.2	105.2	102.8	97.8	101.5	96.7	92.9
Flour, cereals	Do.	1.434	1.425	99.4	93.2	100.0	96.5	98.0	93.3	108.0	103.4
Bakery products <sup>5</sup>	Do.	2.276	2.323	102.1	98.3	100.0	96.8	96.8	93.6	96.1	94.6
Meat	Do.	3.201	3.350	104.9	98.1	100.1	100.4	98.5	96.7	98.7	99.0
Beef	Do.	1.626	1.650	101.5	97.6	98.5	92.0	89.5	87.3	88.1	82.4
Pork	Do.	.981	1.096	111.2	97.6	98.5	92.0	89.5	87.3	88.1	82.4
Fresh pork	Do.	.455	.484	106.4	89.5	106.2	96.2	94.0	84.1	90.5	92.4
Cured pork	Do.	.491	.567	115.5	104.5	92.7	86.4	89.6	90.5	90.2	74.8
Poultry	Do.	.879	.865	97.3	96.7	116.7	90.8	94.4	92.1	93.0	91.9
Eggs <sup>6</sup>	Dozens	.528	.559	105.9	96.7	96.7	87.3	87.3	94.4	92.1	93.0
Fish, shellfish	Do.	.323	.369	114.2	106.8	96.2	76.3	87.3	92.5	117.2	112.2
Potatoes, sweetpotatoes <sup>7</sup>	Pounds	1.740	1.633	93.9	91.9	110.1	100.0	100.0	97.6	117.3	112.2
Fresh vegetables <sup>8</sup>	Do.	2.450	2.228	90.9	146.7	87.0	73.0	110.6	161.4	95.6	80.2
Dark-green and deep-yellow vegetables	Do.	.327	.316	80.6	94.4	126.0	94.2	103.5	87.3	130.4	97.5
Tomatoes	Do.	.290	.330	77.5	138.0	74.6	55.6	120.1	242.7	94.4	71.8
Fresh fruit <sup>9</sup>	Do.	.426	2.494	89.4	131.6	87.7	89.8	111.9	43.7	98.1	100.5
Commercially canned vegetables and fruits	Do.	2.794	2.784	104.1	45.5	92.0	161.6	96.1	43.7	88.4	155.2
Commercially frozen vegetables and fruits	Do.	1.294	1.375	106.3	78.9	101.2	113.6	94.1	75.2	93.3	106.9
	Do.	.191	.202	105.8	78.5	100.0	115.7	94.6	74.3	94.6	109.4

<sup>1</sup> Meal equivalent persons imputed by dividing the total number of meals served from household food supplies by 21.<sup>2</sup> Includes gift or pay not shown separately.<sup>3</sup> Includes food raised for home use and food obtained by hunting, fishing, and gathering from other sources.<sup>4</sup> Quantity of whole fluid milk to which dairy products (except butter) are equivalent in calcium.<sup>5</sup> Includes dough, batter, and partially baked products.<sup>6</sup> In-shell equivalent of liquid eggs (yolks, whites, and mixed yolks and whites) and products.<sup>7</sup> Includes home-canned and home-frozen items.<sup>8</sup> Includes home-canned and home-frozen items.<sup>9</sup> Includes home-canned and home-frozen items.<sup>10</sup> Includes home-canned and home-frozen items.

Agricultural Research Service.

**Table 812.—Food and Nutrition Service programs: Quantity and cost of Federal assistance to School Lunch, Breakfast, and Special Milk Programs, and to institutions and needy persons, 1954-70**

Year beginning July	School feeding						Special milk		Institutions and needy persons		
	Cash payments			Food distributed <sup>a</sup>			Quantity	Cash pay- ments <sup>b</sup>	Food distributed <sup>c</sup>		
	Lunch <sup>d</sup>	Break- fast <sup>e</sup>	Nonfood assist- ance <sup>f</sup>	Section 6		Sections 32 and 416			Sections 32 and 416		
				1,000 pounds	1,000 dollars	1,000 pounds			1,000 dollars	1,000 1/2 pints	1,000 dollars
	1954.....	69,142			101,890	12,830	196,756	70,306	449,810	17,150	296,679
1955.....	67,146			87,453	14,802	264,691	99,946	1,394,224	45,854	524,418	134,647
1956.....	83,915			111,397	14,660	417,633	131,972	1,732,680	60,473	644,266	104,446
1957.....	83,830			89,374	14,802	251,742	75,962	1,018,170	66,321	619,822	109,471
1958.....	83,890			203,839	42,070	249,642	66,822	2,176,158	74,285	862,817	136,855
1959.....	93,814			259,064	61,109	394,408	70,916	2,384,700	80,480	653,798	75,158
1960.....	93,746			225,179	61,081	284,732	71,623	2,476,724	84,198	1,010,910	173,977
1961.....	96,760			324,762	69,074	462,839	113,027	2,630,976	89,170	1,556,884	252,784
1962.....	106,000			286,887	58,876	488,064	120,971	2,765,557	93,641	1,411,223	233,443
1963.....	120,810			256,943	59,270	528,138	135,660	2,929,030	99,250	1,322,306	234,611
1964.....	130,435			311,143	59,459	661,513	212,949	2,966,766	97,417	1,312,816	256,701
1965.....	141,090			245,004	58,006	543,033	116,850	3,059,125	96,523	1,000,074	151,029
1966.....	149,685	566	710	235,300	57,939	598,080	130,419	3,027,203	99,170	848,572	116,209
1967.....	159,754	1,985	741	229,248	55,521	797,307	220,456	3,035,687	101,752	871,326	147,263
1968.....	203,796	5,402	10,396	285,643	64,165	756,352	207,924	2,944,423	101,281	1,200,266	250,353
1969.....	300,258	10,786	16,705	261,638	64,434	811,567	201,405	2,901,931	101,164	1,330,381	311,876
1970 <sup>1</sup> .....	561,700	19,200	29,000	260,000	64,300	914,200	220,600	2,600,000	91,000	1,400,000	337,000

<sup>1</sup> A subsidy program for local purchase of food on basis of the quality and quantity of meals served. The program was started in February 1943. <sup>2</sup> A subsidy program to schools started in January 1967. <sup>3</sup> A subsidy program which aids in the purchase of school lunch equipment. The program started in fiscal year 1967. <sup>4</sup> Distribution, without charge to recipients, of food commodities acquired by the Government and distributed under provisions of Section 32, Public Law 320, 74th Congress, approved Aug. 24, 1935, as amended; under Section 416, Public Law 439, 81st Congress, as amended; and under Section 6 of the National School Lunch Act, Public Law 396, 79th Congress, approved June 4, 1946. Distribution to ultimate eligible recipients is accomplished through cooperating distributing agencies in States. Eligible recipients include school lunch programs, eleemosynary institutions, and households receiving public assistance from State or local welfare agencies, or other needy persons. <sup>5</sup> A subsidy program to expand consumption of milk by children. <sup>6</sup> Preliminary.

Food and Nutrition Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 816.

**Table 813.—Food Stamp Program: Participation and value of coupons issued, 1960-70**

Year beginning July	Number of participating areas	Average monthly participation	Value of coupons issued		
			Total	Paid for by participants	Federal subsidy
	Number	Number	1,000 dollars	1,000 dollars	1,000 dollars
1960.....	6	49,640	826	445	381
1961.....	8	142,817	35,202	22,049	13,153
1962.....	42	225,001	49,877	31,237	18,640
1963.....	43	366,816	73,485	44,841	28,644
1964.....	110	424,652	55,472	52,967	32,505
1965.....	324	864,344	174,232	109,419	64,813
1966.....	838	1,447,105	296,106	190,556	105,550
1967.....	1,027	2,211,474	451,801	278,659	173,142
1968.....	1,489	2,878,772	603,351	374,538	228,819
1969.....	1,747	4,340,545	1,089,963	540,298	549,665
1970 <sup>1</sup> .....	2,027	9,370,000	2,688,000	1,168,000	1,520,000

<sup>1</sup> Preliminary.

Food and Nutrition Service.

**Table 814.—Food and Nutrition Service programs: Quantity and cost for commodity distribution programs, by food groups, year beginning July 1969**

Program and food	School Lunch Program		Institutions and needy persons		Total	
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
<b>Section 8:<sup>1</sup></b>						
Canned and processed fruits.....	83,260	10,867	-----	-----	83,260	10,867
Canned vegetables.....	83,406	9,089	-----	-----	83,406	9,089
Poultry products.....	50,390	17,440	-----	-----	50,390	17,440
Beef products.....	43,641	26,533	-----	-----	43,641	26,533
Pork products.....	941	505	-----	-----	941	505
<b>Total.....</b>	<b>261,638</b>	<b>64,434</b>	<b>-----</b>	<b>-----</b>	<b>261,638</b>	<b>64,434</b>
<b>Section 32:<sup>1</sup></b>						
Dried and dehydrated vegetables.....	23,254	2,139	103,695	14,850	126,949	16,989
Beef products.....	59,493	35,541	14,168	9,161	73,661	44,702
Dairy products.....	76,499	54,801	187,393	82,137	263,892	136,998
Meat, chopped (canned).....	1,380	742	68,866	37,022	70,246	37,764
Fats and oils.....	38,168	8,147	56,168	13,044	94,336	21,191
Canned and processed fruits and juices.....	82,956	11,732	134,807	15,807	217,463	27,539
Fresh fruits.....	72,614	7,356	11,467	1,115	84,081	8,451
Canned vegetables and juices.....	38,691	5,142	63,658	6,859	102,349	12,001
Poultry products.....	20,922	7,472	37,234	31,281	58,156	38,753
Pork products.....	73	47	18,270	11,889	18,343	11,936
Miscellaneous.....	1,810	134	42,703	5,233	44,513	6,367
<b>Total.....</b>	<b>415,860</b>	<b>133,293</b>	<b>738,129</b>	<b>228,398</b>	<b>1,153,989</b>	<b>361,691</b>
<b>Section 416:<sup>1</sup></b>						
Dairy products.....	79,554	44,409	118,715	49,877	198,269	94,286
Corn products.....	19,890	804	92,945	3,839	112,835	4,643
Fats and oils.....	25,594	5,344	20,595	4,467	46,189	9,811
Oats, rolled.....	5,509	363	32,652	2,152	38,161	2,515
Rice.....	33,153	3,461	76,368	7,973	109,521	11,434
Wheat products.....	232,007	13,731	240,977	15,170	472,984	28,901
<b>Total.....</b>	<b>395,707</b>	<b>68,112</b>	<b>582,252</b>	<b>83,478</b>	<b>977,959</b>	<b>151,590</b>
<b>Grand total.....</b>	<b>1,073,205</b>	<b>265,839</b>	<b>1,320,381</b>	<b>311,876</b>	<b>2,393,586</b>	<b>577,715</b>

<sup>1</sup> See footnote 4, table 812.

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**Table 815.—Food and Nutrition Service programs: Persons participating, 1954-70<sup>1</sup>**

Year beginning July	Children in school lunch program receiving benefits through—			Persons participating in commodity distribution programs for institutions and needy persons (peak month)
	Cash payments <sup>1</sup>		Food distri- bution <sup>2</sup> (peak month)	
	Average monthly	Peak month		
	Thousands	Thousands	Thousands	Thousands
1954.....	9,022	12,031	10,213	4,624
1955.....	8,637	11,553	11,922	4,566
1956.....	8,799	11,684	13,641	4,873
1957.....	9,333	12,601	14,107	6,058
1958.....	9,825	13,294	14,254	7,196
1959.....	10,628	14,078	15,635	5,753
1960.....	11,123	14,752	16,042	7,738
1961.....	11,732	15,553	16,945	8,839
1962.....	12,431	16,400	17,811	8,363
1963.....	13,207	17,548	18,921	7,456
1964.....	14,079	18,666	20,390	7,148
1965.....	14,981	19,781	21,394	6,077
1966.....	15,296	20,237	21,882	5,017
1967.....	15,572	20,614	21,104	4,721
1968.....	16,667	22,079	24,056	5,032
1969.....	17,539	23,127	25,479	4,129
1970 <sup>4</sup> .....	18,650	24,600	26,900	3,950

<sup>1</sup> "Peak month" is the month of the year when the largest number of persons participated in the program; "average monthly" is the average for the 12 months of the fiscal year. <sup>2</sup> See footnote 1, table 812. <sup>3</sup> See footnote 4, table 812. <sup>4</sup> Preliminary.

Food and Nutrition Service. Data for 1944-53 in *Agricultural Statistics, 1967*, table 819.

Table 816.—Food and Nutrition Service programs: Cash payments under Special Milk, National School Lunch, Breakfast, Nonfood Assistance, and Food Stamp Programs and value of food under Section 6, Section 32, and Section 416, by States and Territories, year beginning July 1969

State or Territory	Program					Commodity distribution <sup>1</sup>			Food Stamp Program	Total
	Special Food Service Program	Special Milk	National School Lunch	Breakfast	Non-food Assistance	Section 6	Section 32	Section 416		
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Maine.....	44	512	1,696	35	62	307	4,376	1,834	681	9,547
New Hampshire.....	35	500	709	24	28	196	1,249	524	-----	3,265
Vermont.....	37	274	564	31	56	122	357	150	1,256	2,847
Massachusetts.....	106	3,427	5,223	67	760	1,807	9,500	3,982	95	25,057
Rhode Island.....	34	518	690	59	19	134	472	198	2,678	4,870
Connecticut.....	57	1,756	2,034	121	72	691	2,185	916	6,277	14,109
New York.....	215	9,610	28,462	268	647	5,048	33,199	13,914	5,828	97,191
New Jersey.....	165	3,683	3,827	253	172	972	2,530	1,060	15,325	27,987
Pennsylvania.....	173	5,263	9,478	134	791	2,972	8,056	3,377	24,246	54,490
Ohio.....	381	6,720	10,122	1,363	727	2,961	6,433	2,696	34,341	65,744
Indiana.....	184	2,967	5,202	129	276	1,789	6,208	2,602	8,254	27,611
Illinois.....	299	6,576	11,819	330	301	2,175	6,360	2,666	24,411	54,437
Michigan.....	283	5,465	6,455	263	459	1,912	7,207	3,020	17,334	42,398
Wisconsin.....	194	3,551	4,302	65	172	1,388	5,532	2,318	8,743	23,265
Minnesota.....	183	2,855	5,879	80	231	1,662	4,323	1,812	6,579	23,604
Iowa.....	90	1,392	4,322	100	316	1,346	3,179	1,333	7,379	19,457
Missouri.....	306	2,373	6,088	41	150	1,735	14,618	6,127	6,267	37,705
North Dakota.....	20	356	1,176	11	87	299	1,613	676	1,598	5,836
South Dakota.....	21	362	1,013	53	127	285	2,075	870	1,775	6,331
Nebraska.....	34	634	2,162	41	213	323	1,251	524	3,428	8,830
Kansas.....	64	1,082	2,535	40	261	930	4,417	1,851	693	11,873
Delaware.....	59	332	581	9	17	178	1,836	770	-----	3,782
Maryland.....	96	2,348	4,292	160	129	976	2,357	988	10,199	21,545
Virginia.....	108	1,889	9,513	222	292	1,833	7,853	3,292	8,234	33,296
West Virginia.....	115	729	4,230	251	1,117	697	1,698	711	22,054	31,602
North Carolina.....	395	3,332	15,185	366	479	2,765	15,317	6,420	14,423	58,682
South Carolina.....	155	616	10,365	221	401	1,962	2,997	1,256	25,904	43,778
Georgia.....	437	1,610	14,181	281	792	2,550	16,195	6,788	11,540	54,383
Florida.....	189	1,960	14,968	338	715	2,395	19,836	8,314	1,403	50,118
Kentucky.....	91	2,054	8,966	1,141	270	1,595	6,992	2,931	23,962	48,022
Tennessee.....	212	1,962	9,451	283	497	1,854	7,323	3,069	25,945	50,596
Alabama.....	56	1,964	12,643	150	353	1,579	18,101	7,586	15,362	87,794
Mississippi.....	31	1,321	8,418	422	544	1,124	10,965	4,595	33,071	60,491
Arkansas.....	85	1,067	5,707	115	218	949	3,578	1,500	16,740	29,959
Louisiana.....	295	677	9,717	331	844	2,357	7,840	3,286	33,688	59,235
Oklahoma.....	114	1,109	4,913	271	141	854	15,630	6,550	-----	29,582
Texas.....	478	4,164	14,189	472	1,606	3,084	25,338	10,619	14,200	74,150
Montana.....	18	205	844	40	31	176	1,003	421	1,778	4,516
Idaho.....	10	212	990	-----	88	256	1,470	616	174	3,816
Wyoming.....	16	104	338	23	32	120	333	139	868	1,973
Colorado.....	122	960	2,875	121	106	731	2,053	860	10,397	18,225
New Mexico.....	32	671	2,386	79	67	435	3,014	1,263	11,840	19,787
Arizona.....	118	442	2,560	144	94	552	5,600	2,847	-----	11,837
Utah.....	9	336	2,233	17	344	551	1,619	678	2,264	8,051
Nevada.....	14	164	216	16	9	57	659	276	-----	1,411
Washington.....	146	1,360	3,139	79	172	924	1,722	721	18,871	27,134
Oregon.....	57	614	2,136	37	111	679	7,415	3,107	2,110	16,296
California.....	156	8,320	11,142	1,035	644	2,986	21,678	9,086	59,716	114,763
Alaska.....	5	34	334	11	19	89	347	146	3,643	4,628
Hawaii.....	21	129	1,319	32	23	455	1,022	428	1,217	4,646
District of Columbia.....	741	583	1,390	88	15	135	1,303	546	5,845	10,646
Guam.....	(3)	-----	190	25	15	35	188	79	-----	532
Puerto Rico.....	149	-----	7,284	295	565	316	22,588	9,467	-----	40,664
Samoa, American.....	-----	-----	120	-----	21	25	65	27	-----	258
Trust Territories.....	7	-----	-----	-----	-----	297	125	-----	-----	429
Virgin Islands.....	-----	-----	175	3	7	56	319	133	-----	693
Total.....	7,671	101,164	300,258	10,786	16,705	64,434	361,091	151,590	549,665	1,563,964

<sup>1</sup> Total cost to the Government, and includes commodity cost plus reprocessing, packaging, transportation costs, and miscellaneous handling charges for Section 6 and Section 32 commodities. Cost for Section 416 commodities includes acquisition cost plus any reprocessing or repackaging costs necessary before commodity is distributed.

<sup>2</sup> Less than \$500.

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Table 817.—Consumers' prices: Index numbers of prices paid for goods and services purchased by families of urban wage and clerical workers, United States, 1954-70<sup>1</sup>

(1967 = 100)

Year	Food	Nonfood items								All items
		Ap- parel and up- keep	Housing		Trans- porta- tion	Medi- cal care	Per- sonal care	Read- ing and recrea- tion	Other goods and serv- ices	
			Total	Rent						
1954.....	82.8	84.5	81.7	83.2	78.3	63.4	76.6	76.9	79.8	80.5
1955.....	81.6	84.1	82.3	84.8	77.4	64.8	77.9	76.7	79.8	80.2
1956.....	82.2	85.8	83.6	85.9	78.8	67.2	81.1	77.8	81.0	81.4
1957.....	84.9	87.3	86.2	87.5	83.3	69.9	84.1	80.7	83.3	84.3
1958.....	88.5	87.5	87.7	89.1	86.0	73.2	86.9	83.9	84.4	86.6
1959.....	87.1	88.2	88.6	90.4	89.6	76.4	88.7	85.3	86.1	87.3
1960.....	88.0	89.6	90.2	91.7	89.6	79.1	90.1	87.9	87.8	88.7
1961.....	89.1	90.4	90.9	92.9	90.6	81.4	90.6	89.3	88.5	89.6
1962.....	89.9	90.9	91.7	94.0	92.5	83.5	92.2	91.3	89.1	90.6
1963.....	91.2	91.9	92.7	95.0	93.0	85.6	93.4	92.8	90.6	91.7
1964.....	92.4	92.7	93.8	95.9	94.3	87.3	94.5	95.0	92.0	92.9
1965.....	94.4	93.7	94.9	96.9	95.9	89.5	95.2	95.9	94.2	94.5
1966.....	99.1	96.1	97.2	98.2	97.2	93.4	97.1	97.5	97.2	97.2
1967.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1968.....	103.6	105.4	104.2	102.4	103.2	106.1	104.2	104.7	104.6	104.2
1969.....	108.9	111.5	110.8	105.7	107.2	113.4	109.3	108.7	109.1	109.8
1970.....	114.9	116.1	118.9	110.0	112.7	120.6	113.2	113.4	116.0	116.3

<sup>1</sup> Reflects retail prices of goods and services commonly bought by average families with moderate income in 46 urban areas of the United States. This index is the official index released monthly by the U.S. Department of Labor.

Economic Research Service. Compiled from data of the U.S. Department of Labor.

## FOOTNOTES FOR TABLE 808

<sup>1</sup> Civilian consumption only. Beginning 1960, includes Alaska and Hawaii. Quantity data used in computing the per capita food consumption index, table 808. Final consumer products that are derived from a combination of primary food groups, such as bakery products, are measured and reported in the form of their primary ingredients, such as flour, shortening, and eggs. Beginning 1960, data reflect population revisions based on the 1970 Census of Population.

<sup>2</sup> Includes game and edible offal.

<sup>3</sup> Includes 2.3 pounds per capita of game in 1954, increasing 0.1 pound annually to 3.0 pounds in 1961.

<sup>4</sup> Includes product weight of butter and margarine; other items in terms of fat content.

<sup>5</sup> Preliminary.

<sup>6</sup> Data for melons, fresh vegetables, potatoes, sweetpotatoes, and dry beans and peas include consumption of home garden produce.

<sup>7</sup> Excludes estimated quantities of meat, poultry, and fish base soups duplicated elsewhere.

<sup>8</sup> Since 1958, approximations for soya products are continued at 1.3 pounds.

<sup>9</sup> Corn sugar and sirups are with sugars and other sweeteners.

<sup>10</sup> Excludes sugar used in production of canned and frozen fruit, canned fruit juices, canned vegetables, and unskimmed sweetened condensed milk.

<sup>11</sup> Includes spices and herbs.

Economic Research Service. Data for 1909-53 in *Agricultural Statistics, 1967*, table 811.

## CHAPTER XIV

### MISCELLANEOUS AGRICULTURAL STATISTICS

This chapter contains miscellaneous data which do not fit into the preceding chapters. Included here are summary tables on foreign trade in agricultural products; tables on acreage and production of world crops; weather data; statistics on fishery products; tables on refrigerated warehouses; commodity future statistics; and statistics on crops in Alaska and Hawaii. One weather table is included in this issue; the two tables showing monthly and annual 30-year normals, by climatic divisions, for precipitation and for average temperature, carried in the 1967 issue will be repeated about every five years. The current table showing annual averages for precipitation and temperature, by climatic divisions, will be carried annually. More complete information can be secured from the Weather Bureau, U.S. Department of Commerce.

#### Foreign Agricultural Trade Statistics

U. S. foreign agricultural trade statistics include official U. S. data based on compilations of the Bureau of the Census. Agricultural commodities consist of (1) nonmarine food products and (2) other products of agriculture which have not passed through complex processes of manufacture such as rawhides and skins, fats and oils, and wine. Such manufactured products as textiles, leather, boots and shoes, cigarettes, naval stores, forestry products, and distilled alcoholic beverages are not considered agricultural.

The trade statistics exclude shipments between the 50 States and Puerto Rico, between the 50 States and the island possessions, between Puerto Rico and the island possessions, among the island possessions, and in transit through the United States from one foreign country to another when documented as such through U. S. Customs.

The export statistics also exclude shipments to the U. S. Armed Forces and diplomatic missions abroad for their own use and supplies for vessels and planes engaged in foreign trade. Data on shipments valued at less than \$100 (\$251 since October 1969) are not compiled by commodity and are excluded from agricultural statistics but are reflected in nonagricultural and overall export totals. The agricultural exports statistics include shipments under P. L. 83-480 (Agricultural Trade Development and Assistance Act), and related laws; under P. L. 87-195 (Act for International Development); and involving Government payments to exporters. (USDA payments are excluded from the export value.) Separate statistics on Government program exports are compiled by the U. S. Department of Agriculture from data obtained from operating agencies.

The export value, the value at the port of exportation, is based on the selling price (or cost if not sold) and includes inland freight, insurance, and other charges to the port. The country of destination is the country of ultimate destination or where the commodities are to be consumed, further processed, or manufactured. When the shipper does not know the ultimate destination, the shipments are credited to the last country, as known to him at the time of shipment from the United States, to which the commodities are to be shipped in their present form. Except for Canada, export shipments valued \$100-\$499 (\$251-\$499 since October 1969) are included on the basis of sampling estimates; shipments to Canada valued \$100-\$1,999 (\$251-\$1,999 since October 1969) are sampled.

Imports for consumption are a combination of entries for immediate consumption and withdrawals from warehouses for consumption. The agricultural statistics exclude low-value shipments from countries not identified because of illegible reporting, but they are reflected in nonagricultural and overall import totals in this report.

The import value, defined generally as the market value in the foreign country, excludes import duties, ocean freight, and marine insurance. The country of origin is defined as the country where the commodities were grown or processed. Where the country of origin is not known, the imports are credited to the country of shipment.

Table 818.—Foreign trade: Value of total agricultural exports and imports, United States, 1954-70

Year ending June 30	Agricultural exports <sup>1</sup>				Agricultural imports (for consumption)							Excess of do- mestic agricul- tural ex- ports over supple- mentary imports
	Total domestic exports	Domestic	Per- cent- age (domestic) of total exports	For- eign (re-ex- ports)	Total imports for con- sump- tion	Total	Supple- mentary <sup>2</sup>	Com- plementary <sup>2</sup>	Supplementary			
									Per- cent- age of total agricul- tural exports	Per- cent- age of total agricul- tural imports		
	Million dollars	Million dollars	Percent	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Percent	Percent	Million dollars	
1954.....	15,243	2,936	19	62	10,501	4,176	1,694	2,482	58	41	1,242	
1955.....	14,929	3,144	21	70	10,480	3,781	1,509	2,272	48	40	1,635	
1956.....	16,907	3,496	21	65	12,096	4,086	1,583	2,503	45	39	1,913	
1957.....	20,692	4,728	23	66	12,679	3,800	1,531	2,269	32	40	3,197	
1958.....	18,747	4,003	21	76	12,787	3,929	1,824	2,105	46	46	2,179	
1959.....	17,356	3,719	21	83	13,857	4,004	2,029	1,975	55	51	1,690	
1960.....	19,110	4,519	24	73	15,496	4,010	1,979	2,031	44	49	2,540	
1961.....	20,507	4,946	24	67	14,161	3,645	1,814	1,831	37	50	3,132	
1962.....	21,447	5,142	24	63	15,687	3,762	2,049	1,713	40	54	3,093	
1963.....	21,638	5,078	23	62	16,398	3,907	2,208	1,690	43	57	2,870	
1964.....	24,718	6,068	25	84	17,776	4,096	2,225	1,871	37	54	3,843	
1965.....	26,331	6,097	23	-----	19,731	3,986	2,127	1,850	35	53	3,970	
1966.....	28,886	6,676	23	-----	23,295	4,454	2,472	1,982	37	56	4,204	
1967.....	30,819	6,771	22	-----	26,427	4,453	2,667	1,786	39	60	4,104	
1968.....	32,195	6,811	20	-----	29,613	4,656	2,845	1,811	45	61	3,466	
1969.....	35,221	5,741	16	-----	34,175	4,931	3,072	1,859	54	62	2,669	
1970 <sup>3</sup>	41,080	6,646	16	-----	38,221	5,481	3,373	2,108	51	62	3,273	

<sup>1</sup> Includes food exported for relief or charity by individuals and private agencies. These figures include a small amount of certain foodstuffs other than agricultural.

<sup>2</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such United States commodities. Complementary agricultural imports include all others, about 98 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

<sup>3</sup> Preliminary.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce. Data for 1950-53 in *Agricultural Statistics, 1967*, table 824.

Table 819.—Agricultural exports: Quantity indexes, United States, 1954-70

[Calendar year 1967 = 100]

Year ending June 30	Total agricultural exports <sup>1</sup>	Animals and animal products	Meat and meat products <sup>2</sup>	Animal fats <sup>3</sup>	Dairy products <sup>3</sup>	Poultry and poultry products <sup>3</sup>	Cotton and linters	Tobacco unman- ufactured	Grains and feeds	Vegetable oils and oilseeds	Fruits and vegetables
1954.....	42	68	63	73	142	34	94	80	25	23	62
1955.....	48	94	74	82	234	43	92	80	28	32	66
1956.....	56	116	91	100	305	51	96	101	41	43	79
1957.....	77	109	132	92	232	62	185	88	54	47	86
1958.....	65	91	76	70	229	40	143	83	45	46	89
1959.....	62	83	73	76	164	69	79	83	52	51	79
1960.....	79	96	85	109	133	100	166	80	60	69	91
1961.....	84	98	81	95	143	126	176	88	69	65	86
1962.....	85	103	78	98	154	166	119	91	79	64	93
1963.....	84	104	90	92	197	117	91	83	79	78	99
1964.....	100	140	122	127	290	129	128	93	94	82	92
1965.....	98	130	118	117	240	114	113	84	92	99	95
1966.....	107	108	101	90	154	120	78	83	117	102	106
1967.....	104	101	106	96	99	105	115	110	103	95	106
1968.....	101	96	91	98	95	98	101	100	104	99	91
1969.....	92	110	129	97	125	92	89	100	85	106	93
1970.....	106	101	113	99	90	83	75	101	97	148	109

<sup>1</sup> Based on 359 classifications (commodity groups and total index include commodities shipped as food for relief or charity by individuals and private agencies).

<sup>2</sup> Included in "Animals and animal products."

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 820.—Agricultural imports: Quantity indexes, United States, 1954-70

[Calendar year 1967 = 100]

Year ending June 30	Total agricultural imports <sup>1</sup>	Complementary imports <sup>2</sup>	Supplementary imports <sup>3</sup>	Animals and animal products	Dairy products <sup>4</sup>	Hides and skins <sup>4</sup>	Meat and meat products <sup>4</sup>	Wool, excluding free in bond <sup>4</sup>	Grains and feeds	Vegetable oils and oilseeds	Sugar, molasses, and sirups	Tobacco, unmanufactured
1954.....	86	99	72	53	41	159	34	120	539	70	85	72
1955.....	75	83	66	52	42	148	31	117	268	78	77	74
1956.....	88	104	71	53	42	175	32	123	246	73	92	77
1957.....	81	96	65	46	44	144	30	83	278	72	85	80
1958.....	84	92	76	61	44	139	42	71	300	73	95	70
1959.....	91	99	84	79	51	197	62	100	200	74	97	83
1960.....	92	103	81	69	51	179	56	89	185	77	101	85
1961.....	88	101	75	64	58	141	54	77	168	78	87	88
1962.....	96	102	88	89	60	162	75	108	173	82	90	89
1963.....	100	106	95	101	61	141	93	124	110	87	99	85
1964.....	96	105	88	91	62	152	93	86	215	81	78	83
1965.....	90	95	85	81	62	144	71	124	124	93	82	91
1966.....	103	111	95	106	69	141	90	166	95	92	83	88
1967.....	100	98	100	102	113	108	97	104	105	101	101	95
1968.....	105	104	105	108	94	121	107	115	92	97	102	111
1969.....	107	103	110	115	122	102	115	100	96	105	103	103
1970.....	111	104	116	121	116	82	128	81	131	104	107	103

<sup>1</sup> Based on 430 classifications.

<sup>2</sup> Supplementary agricultural imports consist of all imports similar to agricultural commodities produced commercially in the United States, together with all other agricultural imports interchangeable to any significant extent with such U.S. commodities. Complementary agricultural imports include all others, about 98 percent of which consist of rubber, coffee, tea, cacao beans, raw silk, wool for carpets, bananas, and vegetable fibers.

<sup>3</sup> Included in "Animals and animal products."

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 821.—Agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending June 30, 1969

Commodity	Public Law 480					P.L. 87-195, mutual security A.I.D. programs	Total agricultural exports		
	Sales for foreign currency	Long-term credit sales	Government-to-government donations	Donations through voluntary agencies	Barter for strategic materials <sup>1</sup>		Under specified Government programs	Outside specified Government programs <sup>2</sup>	All
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Wheat.....	126.8	154.1	33.2	3.9	-----	2.3	320.3	467.3	787.6
Wheat flour.....	9.4	35.2	26.1	12.6	-----	-----	83.3	22.3	105.6
Corn.....	2.0	9.1	2.2	.1	-----	-----	13.4	618.7	632.1
Grain sorghum.....	.4	21.4	.7	.6	-----	( <sup>3</sup> )	23.1	105.4	128.5
Barley.....	.4	.7	-----	-----	-----	-----	1.1	11.0	12.1
Wheat cereal foods to be cooked.....	-----	7.5	4.3	17.0	-----	-----	28.8	.9	29.7
Cornmeal.....	-----	-----	3.3	4.5	-----	-----	7.8	3.6	11.4
Rice, milled.....	49.9	115.9	-----	1.7	-----	.6	168.1	151.8	319.9
Cotton.....	69.2	27.5	-----	-----	1.3	-----	98.0	230.6	328.6
Tobacco, unmanufactured.....	16.8	14.0	-----	-----	.1	-----	30.9	476.0	506.9
Soybeans.....	-----	-----	-----	-----	-----	-----	-----	784.8	784.8
Cottonseed oil.....	-----	-----	-----	-----	-----	-----	-----	14.6	14.6
Soybean oil.....	31.6	22.4	9.1	13.8	-----	-----	76.9	12.8	89.7
Milk, evaporated and condensed.....	12.8	-----	-----	-----	-----	-----	12.8	6.1	18.9
Milk, whole dried.....	( <sup>3</sup> )	-----	-----	-----	-----	-----	( <sup>3</sup> )	4.3	4.3
Milk, nonfat dry.....	1.8	.3	18.4	53.4	-----	-----	73.9	7.2	81.1
Anhydrous milkfat and butter.....	-----	-----	2.1	22.7	-----	( <sup>3</sup> )	24.8	-----	24.1
Infants' and dietetic foods.....	-----	-----	9.1	21.6	-----	( <sup>3</sup> )	30.7	4.9	35.6
Tallow, edible and inedible.....	18.1	5.5	-----	-----	-----	1.3	24.9	97.1	122.0
Hides and skins.....	-----	-----	-----	-----	-----	.1	.1	136.3	136.4
Beans, dry edible.....	-----	-----	.1	.5	-----	-----	.6	26.3	26.9
Other.....	4.4	13.9	1.8	1.9	-----	1.2	23.2	1,517.4	1,540.6
Total.....	343.6	427.5	110.4	154.8	1.4	5.5	1,042.7	4,698.7	5,741.4

See footnotes on page 598.

Table 822.—Agricultural exports: Value of exports under specified Government-financed programs, exports excluding specified Government-financed programs, and total exports, year ending June 30, 1970

Commodity	Public Law 480					P.L. 87-195, mutual security A.I.D. programs	Total agricultural exports		
	Sales for foreign currency	Long- term credit sales	Government- to- government donations	Donations through voluntary agencies	Barter for strategic materials <sup>1</sup>		Under specified Government programs	Outside specified Government programs <sup>2</sup>	All
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Wheat.....	91.6	183.2	19.4	3.4	-----	-----	297.6	533.7	831.3
Wheat flour.....	11.6	25.7	37.7	15.4	-----	-----	90.4	19.9	110.3
Corn.....	5.7	22.5	6.2	-----	-----	-----	34.5	799.9	834.4
Grain sorghum.....	-----	26.8	1.1	.2	-----	-----	28.1	121.8	149.9
Barley.....	-----	-----	-----	-----	-----	-----	-----	9.8	9.8
Wheat cereal foods to be cooked.....	-----	3.1	3.8	14.3	-----	-----	21.2	1.8	23.0
Cornmeal.....	-----	-----	2.4	5.9	-----	-----	8.3	4.3	12.6
Rice, milled.....	69.1	73.0	.2	1.1	-----	-----	143.4	174.3	321.7
Cotton.....	63.4	74.3	-----	-----	-----	-----	137.7	208.9	346.6
Tobacco, unmanu- factured.....	7.1	11.3	-----	-----	-----	-----	18.4	521.2	539.6
Soybeans.....	-----	-----	-----	-----	-----	-----	-----	1,069.0	1,069.0
Cottonseed oil.....	-----	-----	-----	-----	-----	-----	-----	54.1	54.1
Soybean oil.....	35.2	22.3	7.0	20.6	-----	-----	85.1	53.6	138.7
Milk, evaporated and condensed.....	7.4	-----	-----	-----	-----	-----	7.4	6.2	13.6
Milk, whole dried.....	-----	-----	-----	-----	-----	-----	-----	5.7	5.7
Milk, nonfat dry.....	1.3	( <sup>3</sup> )	28.9	44.7	-----	-----	74.9	3.4	78.3
Anhydrous milkfat and butter.....	-----	-----	-----	-----	-----	-----	-----	.5	.5
Infants' and dietetic foods.....	-----	-----	4.5	20.2	-----	-----	24.7	<sup>4</sup> -3.9	20.8
Tallow, edible and inedible.....	5.1	3.4	-----	-----	-----	-----	8.5	143.5	152.0
Hides and skins.....	.2	-----	-----	-----	-----	-----	.2	157.1	157.3
Beans, dry edible.....	-----	-----	.2	-----	-----	-----	.2	38.1	38.3
Other.....	6.9	22.4	1.4	1.9	-----	-----	32.6	1,706.2	1,738.8
Total.....	304.6	468.0	112.8	127.8	-----	-----	1,013.2	5,633.1	6,646.3

<sup>1</sup> The barter program is authorized under the Charter Act of the Commodity Credit Corporation, P. L. 480, and other legislation.

<sup>2</sup> Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (1) barter for overseas procurement for U.S. agencies, (2) extension of credit and credit guarantees for relatively short periods, (3) sales of Government-owned commodities at less than domestic market prices, and (4) export payments in cash.

<sup>3</sup> Less than \$50,000.

<sup>4</sup> The excess of Government programs over total exports may be due to lags in reporting or to differences in classification or valuation procedures.

Economic Research Service.

#### FOOTNOTES FOR TABLE 821

<sup>1</sup> The barter program is authorized under the Charter Act of the Commodity Credit Corporation, P. L. 480, and other legislation.

<sup>2</sup> Agricultural exports excluding Government programs (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (1) barter for overseas procurement for U.S. agencies, (2) extension of credit and credit guarantees for relatively short periods, (3) sales of Government-owned commodities at less than domestic market prices, and (4) export payments in cash.

<sup>3</sup> Less than \$50,000.

<sup>4</sup> The excess of Government programs over total exports may be due to lags in reporting or to differences in classification or valuation procedures.

Economic Research Service.

**Table 823.—Agricultural exports: Value under specified Government-financed programs, commercial exports with and without assistance and total, years ending June 30, 1965-70**

Type of export	1965	1966	1967	1968	1969	1970
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
Public Law 480:						
Sales for foreign currency.....	1,142	866	803	723	344	304
Long-term credit sales.....	158	181	178	300	428	466
Government-to-government donations.....	87	87	110	100	110	113
Donations through voluntary agencies.....	183	180	157	132	154	128
Barter for strategic materials.....	32	32	23	6	1	-----
Mutual security (A.I.D.) <sup>1</sup> .....	26	42	37	17	6	-----
<b>Total agricultural exports under specified Government programs.....</b>	<b>1,598</b>	<b>1,388</b>	<b>1,308</b>	<b>1,268</b>	<b>1,043</b>	<b>1,013</b>
	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>	<i>Billion dollars</i>
<b>Commercial exports (sales for dollars):<sup>2</sup></b>						
Without assistance.....	3.4	3.9	3.9	4.0	4.2	4.4
With assistance <sup>3</sup> .....	1.1	1.4	1.6	1.0	.5	1.2
<b>Total commercial exports.....</b>	<b>4.5</b>	<b>5.3</b>	<b>5.5</b>	<b>5.0</b>	<b>4.7</b>	<b>5.6</b>
<b>Total exports.....</b>	<b>6.1</b>	<b>6.7</b>	<b>6.8</b>	<b>6.3</b>	<b>5.7</b>	<b>6.6</b>

<sup>1</sup> Economic aid and expenditures under development loans, 1965-69 (Public Law 87-195).

<sup>2</sup> Includes commodities bought with loans and guarantees from Export-Import Bank, credits extended by Commodity Credit Corporation, and barter shipments for overseas procurement for U.S. agencies.

<sup>3</sup> Assisted by payments in cash or in kind or by sales from CCC stocks at less than domestic market prices.

Economic Research Service.

**Table 824.—Export payments on U.S. agricultural exports: Average per unit and total, years ending June 30, 1967-70**

Commodity	Unit	1967		1968		1969		1970	
		Average per unit	Total	Average per unit	Total	Average per unit	Total	Average per unit	Total
		<i>Dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Million dollars</i>	<i>Dollars</i>	<i>Million dollars</i>
Wheat and flour.....	Bushel.....	0.23	151.0	0.12	59.5	0.13	5.8	0.15	62.6
Grain sorghum.....	do.....	.12	8.2	-----	-----	-----	-----	-----	-----
Barley.....	do.....	-----	-----	-----	-----	-----	-----	.25	2.3
Rice.....	Cwt.....	.87	34.2	.56	2.2	.42	5.3	.72	28.2
Cotton, upland.....	Bale.....	<sup>1</sup> 28.75	4.1	-----	-----	-----	-----	-----	-----
Cotton, extra-long staple, domestically produced.....	do.....	<sup>2</sup> 60.00	.8	<sup>2</sup> 55.00	<sup>2</sup> 2.2	<sup>2</sup> 55.00	.8	-----	-----
Tobacco.....	Pound.....	.06	34.7	.06	30.4	.06	29.5	.06	30.6
Milk, nonfat dry.....	do.....	.12	3.7	.09	1.9	.15	14.6	.16	7.5
Flaxseed.....	Bushel.....	.38	2.5	.38	.6	-----	-----	-----	-----
Linseed oil.....	Pound.....	.02	2.4	.02	.1	-----	-----	-----	-----
Cottonseed oil.....	do.....	-----	-----	-----	-----	-----	-----	.01	1.7
Cottonseed meal.....	Ton.....	-----	-----	-----	-----	14.00	.1	18.00	.2
Peanuts.....	Pound.....	.07	10.6	.07	9.7	.05	3.7	.06	5.2
Chickens, whole.....	do.....	-----	-----	.13	( <sup>3</sup> )	.17	1.5	.14	2.3
Lard.....	do.....	-----	-----	-----	-----	.02	1.6	.01	2.3
<b>Total.....</b>			<b>252.2</b>		<b>106.6</b>		<b>62.9</b>		<b>162.9</b>

<sup>1</sup> Based on 500-pound export bale times export payment of 5.75 cents per pound for July 1966 of fiscal year 1967. Beginning Aug. 1, 1966, upland cotton moved in domestic and export channels without either an equalization or an export payment.

<sup>2</sup> Based on 500-pound export bale times export payment of 12 cents per pound for 1967, and 11 cents per pound for 1968 and 1969.

<sup>3</sup> Less than \$50,000.

Economic Research Service.



Table 825.—Agricultural exports for concessional sales: Estimated market value of agricultural shipments under Title I of Public Law 480 for years ending June 30, 1969 and 1970<sup>1</sup>

Country	Wheat and flour	Feed grains	Rice	Cotton	Tobacco	Vegetable oils	Dairy products	Other	Total
1969									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Bolivia	3,198				271				3,469
Brazil	29,417								29,417
Ceylon	18,764								18,764
Chile	5,424	3,110	495			4,308			18,015
China (Taiwan)				15,179		4,288		2,716	22,183
Colombia	6,072					3,241			9,313
Congo (Kinshasa)	2,068			1,131		2,097			5,316
Dominican Republic	3,311				1,540	451		317	5,619
Ghana				6,656	578		46	1,163	8,443
Guatemala								464	464
Guinea	547		2,470	807		358	13	275	4,470
Guyana	172				18				190
Iceland	543	262			596				1,401
India	126,273	5,310	10,062	9,858	696	16,909	140	10,222	179,570
Indonesia	17,389		58,230	28,004					103,623
Iran					4,309				4,309
Israel	13,904	19,142			489	3,851			37,386
Jordan	2,359								2,359
Korea, Republic of	39,990	1,499	54,723	42,356				4,091	142,659
Morocco				1,978		2,747		1,140	5,865
Pakistan	22,393			61		16,556	401	1,013	40,424
Philippines				2,852	2,996				5,848
Ryukyu Islands	245								245
Sierra Leone	191				83				274
Somalia					530				530
Tunisia	7,229	1,311			766	4,053			13,359
Turkey	18,041							2,248	20,289
Uruguay	6,056	894					243		7,193
Vietnam, South	9,439	2,039	39,893	6,074	11,450		14,171		83,066
Total	333,023	33,567	165,873	115,076	35,096	49,763	15,014	23,649	771,061
1970									
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
Afghanistan	2,849								2,849
Bolivia	5,912								5,912
Brazil	20,171								20,171
Burma				1,762					1,762
Ceylon	8,816								8,816
Chile		8,140							9,327
China (Taiwan)				64		1,187			64
Colombia	3,614				1,305				4,919
Congo (Kinshasa)	205				2,646				2,851
Dominican Republic	3,555				507			23	4,085
Ecuador	681				831			194	1,706
Ghana	1,556			14,152				936	16,644
Guinea	734		443	338		352	12	273	2,132
Guyana					95				95
Iceland	181				515			2,724	696
India	105,100	8,523	6,646	50,021		19,794			192,802
Indonesia	16,994		56,107	46,453	712				120,266
Iran						2,374			2,374
Israel	14,832	25,646			188	1,778			42,444
Korea, Republic of	37,491	6,935	21,002	25,946				3,174	94,548
Morocco				2,792					2,792
Pakistan	40,408			1,447	1,499	25,464		24	68,842
Paraguay	1,676								1,676
Philippines				5,965	5,017				10,982
Tunisia	2,068	220		150	593	7,341		144	11,416
Turkey	31,039							1,818	32,857
Vietnam, South	14,127	5,748	63,941	12,590	7,941		8,785		113,132
Total	312,909	55,212	148,133	161,680	23,036	57,103	8,797	9,310	776,180

<sup>1</sup> Estimated market values include values of shipments under P.L. 480 agreements for long-term dollar credit and convertible local currency credit payment provisions. These methods of financing were included in Title I when a revision of the Act was signed in 1966 (P.L. 89-808).

Export Marketing Service.



Table 826.—Foreign trade in agricultural products: Value of exports and imports by principal groups, United States, years ending June 30, 1965-70—Continued

Product	Domestic exports						Imports for consumption					
	1965	1966	1967	1968	1969	1970 <sup>1</sup>	1965	1966	1967	1968	1969	1970 <sup>1</sup>
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Grains and preparations:												
Barley, grain.....	65,661	93,906	54,021	36,554	12,145	9,832	13,354	8,548	8,192	8,938	10,311	12,902
Barley, malt.....	5,062	5,299	5,272	4,130	4,508	3,585	3,115	2,449	2,292	2,501	2,140	2,183
Corn, incl. cornmeal and corn flour.....	730,498	933,883	735,324	744,706	633,437	833,058	1,824	2,036	2,089	2,112	2,147	2,474
Cornstarch.....	6,692	7,690	6,070	7,279	8,123	5,869	1,824	2,036	2,089	2,112	2,147	2,474
Other grain starches.....	903	1,674	1,149	1,643	2,325	1,863	1,277	987	1,071	325	436	321
Grain sorghum.....	144,575	293,783	326,122	196,348	129,118	146,489	3,110	2,770	3,127	2,701	1,472	1,316
Grain sorghum, including oatmeal.....	3,575	27,793	15,126	27,348	7,678	14,489	1,867	2,839	3,081	2,983	1,628	1,135
Wheat and flour:												
Wheat, grain.....	203,229	221,353	306,340	337,167	317,469	319,961	2,911	1,741	2,076	671	1,320	994
Wheat and flour:												
Grain:	2,726	4,784	5,963	3,666	1,484	629						
For domestic use.....												
For milling in bond and export.....												
Total wheat grain.....	1,083,406	1,266,113	1,169,481	1,184,381	781,826	826,847	1,587	1,079	2,648	935	1,033	4,205
Flour:												
Wholly of United States wheat.....	101,404	91,776	96,015	66,576	89,937	92,117						
Other wheat flour.....	90	194	161	127	93	298						
Total wheat flour.....	101,494	91,970	96,176	66,703	90,030	92,415	186	220	194	79	201	129
Other grains and preparations.....	21,105	26,493	29,318	32,384	50,035	47,657	15,839	17,987	22,944	26,625	32,269	35,763
Feedstuffs:												
Oilseed cake and meal.....	177,938	219,715	234,089	252,886	262,943	322,587	1,656	3,223	4,875	3,211	2,306	719
Other feeds and feeders.....	71,969	94,830	92,631	93,719	116,004	119,933	17,481	14,719	17,517	15,655	15,771	25,034
Nuts.....	33,336	46,116	40,963	40,693	25,292	60,079	74,784	82,940	75,511	92,138	110,601	91,205
Oilseeds:												
Copra.....	18,754	15,547	21,978	15,969	39,715	16,610	82,006	50,222	40,170	61,168	48,768	38,408
Flaxseed.....	598,037	734,267	733,313	730,127	724,123	734,123	5	0	0	11	2	8
Soybeans.....	15,496	24,780	24,324	21,657	25,080	34,121	5,337	7,420	6,944	7,058	11,094	13,314
Oil and fat, expressed (vegetable):												
Cornmeal.....	369	696	612	861	722	1,032	56,442	56,068	55,172	59,201	56,332	63,695
Cottonseed.....	73,593	49,929	11,281	7,204	14,608	53,933	0	0	1,112	1,255	1,038	6
Linseed.....	2,132	8,083	11,519	5,710	7,496	4,214	627	30	12	5	2	3
Palm.....								2,706	9,616	4,901	8,236	11,922
Soybean.....	162,746	96,667	108,098	96,716	73,062	118,683	(*)	5,350	3,915	(*)	1,889	3
Tung.....	41,215	29,118	27,441	97,119	23,134	30,424	5,350	5,350	5,350	5,350	5,350	5,350
Other oils and fats, expressed (vegetable).....	41,215	29,118	27,441	97,119	23,134	30,424	5,350	5,350	5,350	5,350	5,350	5,350
Seeds, except oilseeds.....	25,479	30,340	30,624	26,999	29,322	36,060	15,061	15,287	12,962	12,334	17,467	19,839

Sugar.....	491	465	366	317	309	588	442,725	454,327	571,629	610,923	633,229	685,738
Molasses, maple sugar and syrup, and glucose.....	7,562	8,802	11,268	10,744	10,593	9,838	34,025	28,868	32,646	32,453	44,966	48,980
Tobacco leaf.....	389,792	390,088	533,285	481,370	494,866	528,886	103,178	110,216	112,731	124,242	110,171	105,586
Wool, manufactures and preparations:												
Wool.....												
Green or unripe.....	21,850	22,833	30,112	1,287	923	1,036	1,097	819	1,368	1,119	1,470	1,705
Dried.....	23,850	22,833	30,112	21,871	23,107	33,482	783	948	545	789	531	961
Onions.....	4,991	5,224	7,490	6,397	5,306	7,924	2,395	3,391	3,691	6,045	3,494	7,481
Peas:												
Green.....												
Dried.....	16,423	17,688	21,349	18,905	18,137	22,046	879	946	961	753	1,041	1,620
Dried, white or Irish.....							1,050	766	771	711	932	856
Certified seed.....							3,957	1,985	4,357	2,110	3,787	3,012
Other potatoes (table stock).....							6,966	1,256	3,198	1,294	3,546	2,668
Total potatoes.....	6,901	8,300	6,445	10,632	7,846	9,215	10,923	3,241	7,555	3,394	7,333	5,678
Vegetables, canned.....	29,274	28,897	25,269	20,101	21,900	23,255	18,718	24,301	31,685	33,203	41,897	40,310
Vegetables and soups, dehydrated.....	6,338	7,918	8,389	11,063	9,505	11,900	79,028	97,968	107,658	107,545	182,371	215,929
Other vegetables and preparations.....	62,834	76,145	71,384	77,550	97,846	99,474						
PRINCIPAL COMPLEMENTARY IMPORT PRODUCTS												
Silk, unmanufactured.....	50	107	40	29	35	43	19,893	23,209	21,343	17,251	14,662	11,861
Wool, unmanufactured, free in bond for use in carpets, etc.....							74,699	72,534	53,456	42,974	44,373	38,590
Cacao beans, cocoa, and chocolate.....	1,947	2,117	2,527	2,177	3,313	2,837	145,187	150,855	165,497	163,786	163,000	245,495
Coffee, raw, green or roasted <sup>1</sup> .....	7,314	7,314	8,533	8,805	10,499	10,499	1,015,022	1,015,022	975,472	1,031,703	967,523	1,096,214
Bananas and plantains.....	839	415	833	805	866	1,485	1,674,000	1,723,804	1,745,322	1,791,191	186,164	181,387
Rubber, crude.....	9,531	11,325	10,806	9,180	9,361	8,067	182,366	186,406	160,122	163,671	229,924	281,474
Pepper.....							14,531	16,533	15,972	13,682	16,052	18,401
Vanilla beans.....							8,374	8,847	7,786	8,863	11,972	18,401
Licorice root.....							1,030	1,030	2,651	2,614	2,247	1,506
Pyrethrum or insect flowers, crude.....							184	256	568	301	56	137
Total of above products.....	5,872,103	6,144,909	6,293,609	5,848,106	5,251,090	6,145,911	3,671,952	4,112,529	4,092,489	4,273,852	4,528,441	5,013,679
Other agricultural products.....	337,863	342,229	335,831	310,033	313,018	349,137	314,087	341,132	370,173	389,794	462,581	466,922
Food exported for relief or charity by individuals and private agencies <sup>1</sup> .....	186,968	189,606	171,891	155,332	177,320	141,274	2,127,123	2,471,823	2,666,417	2,844,382	3,071,753	3,372,954
Total supplementary imports.....							1,858,806	1,961,538	1,796,245	1,811,264	1,859,258	2,107,647
Total complementary imports.....	6,069,934	6,676,424	6,771,331	6,311,471	5,741,338	6,646,322	3,965,939	4,453,661	4,452,662	4,655,446	4,931,041	5,480,602
Total.....												

<sup>1</sup> Preliminary.  
<sup>2</sup> Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such United States commodities. Complementary agricultural products include all others, about 98 per cent of which are: corn, wheat, cotton, sugar, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.  
<sup>3</sup> Imports include horses and mules for immediate slaughter and teams owned by immigrants.  
<sup>4</sup> Less than \$500.

<sup>5</sup> Includes olives in brine; pineapples, prepared and preserved; and mandarin oranges.  
<sup>6</sup> Excludes corn, barley, oats, grain sorghum, and wheat (unit for human consumption).  
<sup>7</sup> Includes imports through customs district of Puerto Rico.  
<sup>8</sup> Includes crude allied gum.  
<sup>9</sup> Includes a small amount of certain foodstuffs other than agricultural.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 827.—Agricultural exports: Value by country of destination, total and specified Government programs, years ending June 30, average 1961-65, annual 1969 and 1970

Country <sup>1</sup>	Average 1961-65			1969			1970		
	Total agricultural exports	Under specified Government-financed programs <sup>2</sup>	Outside specified Government-financed programs <sup>3</sup>	Total agricultural exports	Under specified Government-financed programs <sup>2</sup>	Outside specified Government-financed programs <sup>3</sup>	Total agricultural exports	Under specified Government-financed programs <sup>2</sup>	Outside specified Government-financed programs <sup>3</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Japan.....	608.1	19.5	588.6	839.5	.....	839.5	1,089.2	.....	1,089.2
Canada.....	545.9	.1	545.8	643.1	.....	643.1	765.8	.....	765.8
Netherlands.....	370.5	.8	369.7	425.7	.....	425.7	452.9	.....	452.9
Germany, West.....	380.1	6.4	373.7	400.9	.....	400.9	431.2	.....	431.2
United Kingdom.....	432.0	12.8	419.2	328.8	.....	328.8	406.4	.....	406.4
India.....	371.7	351.3	20.4	248.3	230.2	18.1	275.4	238.4	37.0
Italy <sup>4</sup> .....	209.0	15.6	193.4	205.0	.....	205.0	220.3	.....	220.3
Korea, Republic of.....	93.6	76.4	17.2	255.7	183.1	72.6	171.1	117.6	53.5
Spain.....	125.3	35.8	89.5	124.5	.....	124.5	169.3	.....	169.3
Vietnam, South.....	37.3	37.0	.3	111.0	90.6	20.4	185.3	124.2	61.1
France.....	116.8	2.6	114.2	142.3	.....	142.3	140.1	.....	140.1
Mexico.....	70.3	6.5	63.8	86.3	.....	86.3	138.9	.....	138.9
Belgium-Luxembourg.....	136.8	.6	136.2	126.1	.....	126.1	138.6	.....	138.6
China (Taiwan).....	73.5	49.3	24.2	113.1	22.7	90.4	114.1	.1	114.0
Pakistan.....	124.1	121.6	2.5	47.6	42.0	5.6	107.5	71.0	36.5
Venezuela.....	77.5	2.2	75.3	90.5	.6	89.9	96.8	.....	96.8
Israel.....	63.4	33.4	30.0	76.2	39.5	36.7	95.8	44.1	51.7
Switzerland.....	61.3	.....	61.3	67.1	.....	67.1	81.7	.....	81.7
Philippines.....	63.2	17.8	45.4	89.3	15.6	73.7	79.4	12.4	67.0
Denmark.....	66.5	.6	65.9	63.3	.....	63.3	76.3	.....	76.3
Brazil.....	98.7	85.5	13.2	70.6	44.3	26.3	72.2	34.5	37.7
Hong Kong.....	47.4	4.2	43.2	58.0	.6	57.4	55.4	.4	55.0
Sweden.....	47.5	.....	47.5	51.2	.....	51.2	54.2	.....	54.2
Poland.....	95.1	65.1	30.0	55.5	6.3	49.2	52.3	2.7	49.6
Turkey.....	55.2	54.6	.6	33.1	36.2	.....	45.5	40.6	4.9
Australia.....	54.7	.3	54.4	31.0	.....	31.0	37.9	.....	37.9
Colombia.....	25.4	12.5	12.9	32.0	17.0	15.0	36.1	15.9	20.2
Norway.....	35.2	1.1	34.1	26.2	.....	26.2	34.6	.....	34.6
Jamaica.....	14.4	1.2	13.2	28.6	1.3	27.3	32.6	1.4	31.2
Thailand.....	12.5	.1	12.4	36.0	.6	35.4	32.1	1.2	30.9
Dominican Republic.....	15.3	6.7	8.6	24.7	15.8	8.9	28.5	11.0	17.5
Morocco.....	35.8	28.1	7.7	19.8	16.0	3.8	28.4	18.1	10.3
Tunisia.....	22.5	20.1	2.4	21.8	22.3	.....	27.7	26.7	1.0
Saudi Arabia.....	11.5	.1	11.4	24.2	.....	24.2	27.5	.....	27.5
Greece.....	27.6	20.3	7.3	22.1	.....	22.1	27.3	.....	27.3
United Arab Republic.....	141.8	128.5	13.3	9.4	.1	9.3	27.0	.....	27.0
Bahamas.....	9.2	.....	9.2	27.7	.....	27.7	26.7	.....	26.7
Chile.....	27.3	18.7	8.6	31.7	21.2	10.5	25.9	14.1	11.8
South Africa, Republic of.....	23.4	1.7	21.7	22.9	.....	22.9	25.6	.....	25.6
Ireland.....	25.9	2.5	23.4	19.1	.....	19.1	24.6	.....	24.6
Peru.....	25.6	9.8	15.8	18.9	4.9	14.0	24.6	3.5	20.9
Germany, East.....	6.3	.....	6.3	18.4	.....	18.4	24.3	.....	24.3
Portugal.....	21.1	8.2	12.9	16.7	2.0	14.7	24.0	.1	23.9
Nigeria.....	8.1	.6	7.5	23.4	14.0	9.4	22.9	8.3	14.6
Yugoslavia.....	94.1	85.3	8.8	21.9	.....	21.9	21.5	.....	21.5
Iran.....	26.9	14.2	12.7	9.4	4.5	5.1	18.3	2.5	15.9
Panama.....	10.8	.4	10.4	14.6	.6	14.0	18.3	1.0	17.3
U.S.S.R.....	35.6	.....	35.6	9.4	.....	9.4	17.8	.....	17.8
Nansel Islands <sup>5</sup> .....	16.1	3.2	12.9	22.6	1.6	21.0	17.6	1.8	15.8
Algeria.....	26.4	15.3	11.1	24.3	2.0	22.3	16.2	2.2	14.0
Other.....	362.9	136.3	226.6	428.9	198.2	230.7	501.9	219.3	282.6
Total.....	5,467.2	1,514.9	3,952.3	5,741.4	1,042.6	4,698.8	6,646.3	1,013.1	5,633.2

<sup>1</sup> Because of transshipments, the value of U.S. exports is overstated to such countries as Canada, Netherlands, and Belgium, and understated to such countries as West Germany, United Kingdom, Switzerland, Ireland, Italy, Denmark, Sweden, Norway, and others. <sup>2</sup> Includes sales for foreign currency, donations for disaster relief and economic aid, donations through voluntary relief agencies, barter for strategic materials, and long-term credit sales, under P.L. 83-480 (the Agricultural Trade Development and Assistance Act of 1954, as amended), and other legislation. Also includes economic aid under P.L. 87-195 (the Act for International Development of 1961, as amended) and development loans (1965-69) under P.L. 87-195. <sup>3</sup> "Agricultural exports outside specified Government-financed programs" (sales for dollars) include, in addition to unassisted commercial transactions, shipments of some commodities with governmental assistance in the form of (1) barter for overseas procurement for U.S. agencies, (2) extension of credit and credit guarantees for relatively short periods, (3) sales of Government-owned commodities at less than domestic market prices, and (4) export payments in cash or in kind. <sup>4</sup> Includes Trieste. <sup>5</sup> The excess of Government programs over total exports may be due to lags in reporting or to differences in classification or valuation procedures. <sup>6</sup> Not elsewhere classified.

Economic Research Service.



Table 828.—Agricultural imports for consumption: Value by country of origin, United States, years ending June 30, average 1961-65, annual 1969 and 1970

Country	Average 1961-65			1969			1970		
	Total	Complemen- tary <sup>1</sup>	Supplemen- tary <sup>1</sup>	Total	Complemen- tary <sup>1</sup>	Supplemen- tary <sup>1</sup>	Total	Complemen- tary <sup>1</sup>	Supplemen- tary <sup>1</sup>
	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars	Million dollars
Brazil	465.6	385.9	79.7	526.3	371.3	155.0	526.9	374.1	152.8
Mexico	268.2	74.9	193.3	435.1	73.4	361.7	526.6	87.4	439.2
Australia	192.3	.5	191.8	307.2	1.0	306.2	395.0	.5	394.5
Philippines	266.1	9.0	257.1	294.2	4.6	289.6	292.8	6.3	286.5
Canada	181.7	5.7	176.0	236.2	18.9	217.3	275.2	20.4	254.8
Colombia	226.5	219.7	6.8	159.4	145.5	13.9	198.1	180.3	17.8
Dominican Republic	113.4	32.7	80.7	137.5	26.8	110.7	186.6	47.1	139.5
New Zealand	136.4	36.6	99.8	179.6	20.5	159.1	182.1	21.6	160.5
Malaysia <sup>2</sup>	88.0	85.8	2.2	117.1	109.5	7.6	146.7	139.1	7.6
Denmark	59.0	.3	58.7	125.1	14.3	110.8	144.7	11.3	133.4
Netherlands	76.9	13.6	63.3	128.0	17.0	111.0	143.7	17.3	126.4
Indonesia	95.0	92.6	2.4	121.8	116.7	5.1	129.1	120.6	8.5
Argentina	94.9	26.9	68.0	117.8	12.2	105.6	111.8	9.0	102.8
Costa Rica	43.2	34.7	8.5	87.9	66.2	21.7	103.9	75.0	28.9
France	55.1	6.9	48.2	88.5	8.3	80.2	97.4	8.5	88.9
Ghana	51.3	51.2	.1	36.5	35.5	1.0	82.4	80.4	2.0
Guatemala	59.8	51.7	8.1	70.2	48.3	21.9	79.8	56.1	23.7
Italy	64.5	4.7	59.8	76.9	8.4	68.5	77.7	7.5	70.2
Ecuador	66.0	60.7	5.3	62.1	55.3	6.8	77.2	59.1	18.1
Honduras	33.7	30.2	3.5	72.0	61.1	10.9	76.6	62.0	14.6
Spain	40.7	1.6	39.1	77.5	1.2	76.3	75.9	1.5	74.4
Peru	82.3	22.6	59.7	87.3	20.8	66.5	73.3	27.5	45.8
India	80.6	27.8	52.8	74.2	20.2	54.0	71.7	25.7	46.0
Ivory Coast <sup>3</sup>	54.2	53.2	1.0	62.0	61.2	.8	70.8	67.4	3.4
Ethiopia	38.7	36.8	1.9	36.3	34.2	2.1	67.7	65.4	2.3
Turkey	61.0	2.4	58.6	75.6	1.6	74.0	96.8	1.3	95.5
Angola	35.8	35.4	.4	57.8	57.2	.6	61.1	60.7	.4
Germany, West	31.7	2.8	28.9	53.6	4.6	49.0	58.5	5.3	53.2
Poland	30.7	( <sup>4</sup> )	30.7	48.1	.6	47.5	53.4	.3	53.1
Nicaragua	26.4	12.9	13.5	42.5	14.9	27.6	49.0	11.6	37.4
China (Taiwan)	26.5	3.8	22.7	43.6	3.0	40.6	48.8	3.7	45.1
Uganda <sup>5</sup>	42.8	42.6	.2	44.8	44.7	.1	45.6	45.6	( <sup>6</sup> )
Ireland	21.5	1.2	20.3	38.2	5.6	32.6	45.2	3.2	42.0
Panama	18.0	16.5	1.5	61.4	44.9	6.5	42.8	33.7	9.1
El Salvador	34.3	31.7	2.6	37.5	29.2	8.3	42.5	35.0	7.5
Japan	43.8	22.8	21.0	36.0	4.4	31.6	39.1	3.5	35.6
Malagasy Republic	15.4	14.5	.9	27.9	26.3	1.6	34.7	33.0	1.7
United Kingdom	23.8	8.3	15.5	34.9	12.4	22.5	34.5	10.4	24.1
Greece	30.4	.5	29.9	36.1	.8	35.3	33.9	.8	33.1
South Africa, Republic of	37.5	.9	36.6	24.9	.8	24.1	32.1	1.1	31.0
Thailand	29.8	20.9	8.9	24.3	16.2	8.1	30.3	19.4	10.9
Liberia	24.0	24.0	( <sup>7</sup> )	28.8	28.8	0	28.5	28.5	( <sup>8</sup> )
Iran	17.1	1.3	15.8	24.8	1.4	23.4	27.1	1.2	25.9
Ceylon	32.2	32.1	.1	27.3	26.2	1.1	25.8	25.8	( <sup>9</sup> )
Switzerland	12.3	2.1	10.2	18.6	2.6	16.0	25.8	9.6	16.2
Venezuela	18.9	18.1	.8	21.0	12.9	8.1	25.3	10.8	5.5
Nigeria	35.4	31.8	3.6	22.7	18.7	4.0	25.0	20.3	4.7
Yugoslavia	13.5	.8	12.7	27.5	.9	26.6	24.6	1.1	23.5
Singapore	( <sup>2</sup> )	( <sup>2</sup> )	( <sup>2</sup> )	16.6	15.1	1.5	22.8	21.3	1.5
Portugal	4.9	.7	4.2	25.1	.1	25.0	21.9	.1	21.8
Other	277.7	100.5	177.2	324.7	133.0	191.7	321.8	140.2	181.6
Total	3,879.5	1,794.9	2,084.6	4,931.0	1,859.3	3,071.7	5,480.6	2,107.6	3,373.0

<sup>1</sup> Supplementary agricultural import products consist of all products similar to agricultural commodities produced commercially in the United States, together with all other agricultural products interchangeable to any significant extent with such United States commodities. Complementary agricultural products include all others, about 98 percent of which consist of rubber, coffee, raw silk, cacao beans, wool for carpets, bananas, tea, and vegetable fibers.

<sup>2</sup> Averages include the former Federation of Malaya and State of Singapore.

<sup>3</sup> Prior to 1964, not separately classified.

<sup>4</sup> Less than \$50,000.

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.



Table 829.—Agricultural exports: Value of U.S. exports to the European Economic Community, by commodity, years ending June 30, 1968-70

Commodity	1968	1969	1970 <sup>1</sup>
VARIABLE-LEVY COMMODITIES <sup>2</sup>			
	1,000 dollars	1,000 dollars	1,000 dollars
Feed grains.....	391,002	267,751	247,107
Corn.....	338,474	253,359	239,223
Sorghum grain.....	37,295	9,682	7,785
Barley.....	12,258	2,935	55
Oats.....	2,975	1,778	44
Rice.....	23,176	27,407	32,165
Rye grain.....	2,168	877	121
Wheat grain.....	86,878	85,025	47,303
Wheat flour.....	528	980	1,000
Beef and veal, excluding variety meats.....	528	528	411
Pork, excluding variety meats.....	299	278	251
Lard.....	511	127	181
Dairy products.....	193	155	132
Poultry and eggs.....	16,885	13,622	12,892
Live poultry.....	1,099	2,194	1,868
Broilers and fryers.....	1,853	1,070	483
Stewing chickens.....	81		0
Turkeys.....	12,317	9,010	8,429
Other fresh poultry.....	169	132	62
Eggs.....	1,306	1,202	2,051
Other.....	5,943	5,542	9,718
Total.....	530,508	402,395	351,301
NONVARIABLE-LEVY COMMODITIES			
Canned poultry.....	1,347	244	82
Cotton, excluding linters.....	70,177	29,989	18,177
Fruits and preparations.....	52,608	52,467	70,013
Fresh fruits.....	19,036	21,961	22,967
Citrus.....	18,234	20,682	22,100
Oranges and tangerines.....	7,453	10,018	11,588
Lemons and limes.....	8,489	8,353	8,169
Grapefruit.....	2,287	2,235	2,339
Other.....	5	76	4
Apples.....	299	880	169
Grapes.....	85	77	171
Other.....	448	322	527
Dried fruits.....	8,141	7,785	9,067
Raisins.....	1,646	1,969	1,885
Prunes.....	6,109	5,551	5,557
Other.....	386	265	1,625
Fruit juices.....	9,509	7,035	10,863
Orange.....	6,579	4,420	7,147
Grapefruit.....	1,631	1,482	2,194
Other.....	1,299	1,133	1,552
Canned fruits.....	15,066	14,627	25,798
Peaches.....	3,621	3,737	10,757
Fruit cocktail.....	4,813	4,861	6,942
Pineapples.....	5,666	5,206	5,288
Other.....	966	763	2,911
Other fruits.....	856	1,039	1,318
Vegetables and preparations.....	13,254	16,559	21,308
Pulse.....	5,004	7,106	11,135
Dried beans.....	1,453	3,004	6,826
Dried peas.....	3,551	4,102	4,309
Fresh vegetables.....	1,168	1,417	955
Canned vegetables.....	1,849	1,880	1,574
Asparagus.....	1,364	1,181	650
Other.....	485	699	924
Hops.....	1,712	1,192	1,219
Other vegetables and preparations.....	5,521	4,964	6,423
Hides and skins.....	19,184	23,459	21,711
Cattle hides.....	13,140	18,209	18,632
Calf and kip skins.....	3,417	2,167	888
Other.....	2,627	3,083	2,191
Oilseeds and products.....	460,314	488,450	595,208
Oil cake and meal.....	169,650	173,435	204,768
Soybean.....	184,522	165,579	198,247
Other.....	5,128	7,856	6,521
Oilseeds.....	282,143	301,035	372,126
Soybeans.....	260,949	272,009	360,704
Flaxseed.....	12,918	23,452	8,613
Other.....	8,276	5,574	2,809
Vegetable oils.....	8,521	13,980	18,314
Cottonseed.....	113	2,859	8,968
Soybean.....	69	102	255
Linseed.....	4,583	5,335	8,872
Other.....	3,756	5,684	8,219

See footnotes at end of table.

Table 829.—Agricultural exports: Value of U.S. exports to the European Economic Community, by commodity, years ending June 30, 1968-70—Continued

Commodity	1968	1969	1970 <sup>1</sup>
NONVARIABLE-LEVY COMMODITIES—continued			
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
Tallow <sup>2</sup> .....	21,214	17,175	21,175
Tobacco, unmanufactured.....	124,096	147,042	135,283
Variety meats, fresh or frozen <sup>3</sup> .....	32,603	32,224	40,848
Nuts and preparations.....	3,216	2,576	19,408
Corn byproducts, feed <sup>4</sup> .....	24,536	33,956	33,075
Food for relief and charity.....	826	507	589
Other.....	49,000	52,895	54,958
Total.....	872,375	897,543	1,031,838
Total European Community.....	1,402,883	1,299,938	1,383,139

<sup>1</sup> Preliminary.<sup>2</sup> Grains, poultry, and pork were subject to variable levies beginning on July 30, 1962; rice, on Sept. 1, 1964; and beef and dairy products, on Nov. 1, 1964.<sup>3</sup> Lard for food is a variable-levy commodity, while lard for industrial use is bound in the General Agreement on Tariffs and Trade (GATT) at 3 percent ad valorem. U.S. lard is for food use.<sup>4</sup> Although canned poultry, tallow, and variety meats are subject to variable levies, these cannot exceed the amount of import duties bound in GATT.<sup>5</sup> Variable levy on sugar-added content.<sup>6</sup> Mainly corn gluten feed and meal, which are nonvariable-levy commodities, but may contain small quantities of other corn products, subject to variable levies (see "Export Highlights, March 1970").

Economic Research Service. Compiled from reports of the U.S. Department of Commerce.

Table 830.—European Economic Community: Value of agricultural imports by origin, 1954-69<sup>1</sup>

Year <sup>2</sup>	United States	EEC countries	Other countries	Total <sup>3</sup>
	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>	<i>Million dollars</i>
1954.....	756	868	4,754	6,378
1955.....	779	1,076	4,598	6,453
1956.....	1,047	1,120	5,319	7,486
1957.....	1,154	1,296	5,478	7,928
1958.....	857	1,087	4,976	6,920
1959.....	856	1,353	5,613	7,822
1960.....	1,134	1,543	6,029	8,706
1961.....	1,247	1,755	5,935	8,937
1962.....	1,253	1,960	6,571	9,804
1963.....	1,300	2,230	6,913	10,443
1964.....	1,559	2,534	7,203	11,296
1965.....	1,641	3,032	7,511	12,184
1966.....	1,803	3,275	8,002	13,080
1967.....	1,549	3,511	7,642	12,702
1968.....	1,542	4,166	7,360	13,068
1969.....	1,495	5,365	8,299	15,159

<sup>1</sup> Based on data from the United Nations, Organization for Economic Cooperation and Development, and European Economic Community.<sup>2</sup> Beginning 1961, data were revised to include sugar preparations and fur skins.<sup>3</sup> C.i.f. basis.Economic Research Service. Data for 1952-53 in *Agricultural Statistics, 1967*, table 836.

Table 831.—World crops: Production of fruits and miscellaneous crops, average 1960-64, annual 1968-70<sup>1 2</sup>

Crop	Unit	Average 1960-64	1968	1969	1970 <sup>3</sup>
		<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Apples <sup>4</sup> .....	Bushel.....	653	731	833	765
Pears <sup>4</sup> .....	do.....	179	243	241	253
Oranges.....	Box <sup>5</sup> .....	436	680	700	.....
Grapefruit.....	do.....	49	72	73	.....
Lemons.....	do.....	43	59	61	.....
Cacao beans <sup>6</sup> .....	Pound.....	2,527	2,976	2,727	3,146
Coffee <sup>6</sup> .....	132 lb. bag.....	71.0	68.6	61.1	66.0
Tea <sup>7</sup> .....	Pound.....	1,909	2,276	2,330	2,366
Hops.....	do.....	183	203	205	210
		<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>	<i>Thousands</i>
Prunes.....	Ton.....	206	197	212	252
Raisins.....	Ton.....	541	654	556	602
Almonds, shelled.....	Ton.....	112	144	124	164
Filberts, unshelled.....	Ton.....	184	263	250	400
Walnuts, unshelled <sup>8</sup> .....	Ton.....	163	175	177	193
Castor beans <sup>9</sup> .....	Ton.....	772	948	968	804
Rapeseed.....	Ton.....	3,968	5,957	5,423	6,899
Sesame seed <sup>9</sup> .....	Ton.....	1,653	1,764	1,764	1,874
Sunflower seed <sup>9</sup> .....	Ton.....	7,275	10,251	10,141	10,362
		<i>Millions</i>	<i>Millions</i>	<i>Millions</i>	<i>Millions</i>
Abaca <sup>7</sup> .....	Pound.....	232	180	168	204
Henequen <sup>7</sup> .....	do.....	361	318	328	321
Jute <sup>7</sup> .....	do.....	4,455	3,497	5,246	4,851
Sisal.....	do.....	1,420	1,333	1,366	1,367

<sup>1</sup> Production figures may vary from commodity by country breakdown due to later estimates.<sup>2</sup> Unless otherwise indicated, the years shown refer to years of harvest in the Northern Hemisphere countries. Harvests of Northern Hemisphere countries are combined with those of the Southern Hemisphere which immediately follow; thus the crops harvested in the Northern Hemisphere in 1969 are combined with Southern Hemisphere harvests which begin late in 1969 and end in the first half of 1970.<sup>3</sup> Preliminary.<sup>4</sup> Dessert and cooking varieties. Apples changed from 48 pounds per bushel to 42 pounds; pears from 50 pounds per bushel to 45 pounds.<sup>5</sup> Foreign production in equivalent boxes: oranges, 70 pounds; grapefruit, 80 pounds; lemons, 76 pounds.<sup>6</sup> Year ending Sept. 30 of year shown.<sup>7</sup> Year beginning Jan. 1. Excluding mainland China.<sup>8</sup> Six leading countries.<sup>9</sup> Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the Northern Hemisphere harvested the latter part of the same year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 832.—World crops: Area and production of principal crops, average 1960-64, annual 1968-70<sup>1</sup>

Crop	Area harvested				Unit	Production			
	Average 1960-64	1968	1960	1970 <sup>2</sup>		Average 1960-64	1968	1960	1970 <sup>2</sup>
Wheat.....	Million hectares 205	Million hectares 223	Million hectares 215	Million hectares 204	Metric ton.....	Millions 232	Millions 308	Millions 287	Millions 288
Rye.....	28.0	22.4	19.0	19.7		32.2	32.0	28.0	26.9
Bread grains (sub-total).....	233.0	245.4	234.0	223.7	do.....	264.2	340.0	315.0	314.9
Rice <sup>3</sup> .....	89.1	96.7	98.2	98.4	do.....	160.4	184.3	194.0	197.4
Barley.....	61.7	67.3	68.8	68.9	do.....	84.6	113.2	116.9	116.9
Oats.....	34.9	31.1	31.5	30.9	do.....	48.6	50.8	51.8	50.5
Corn for grain.....	99.4	101.7	104.1	107.5	do.....	145.1	229.0	237.0	231.0
Feed grains (sub-total).....	196.0	200.1	204.4	207.3	do.....	328.3	393.0	405.7	398.4
Cotton.....	32.6	32.0	32.6	32.4	Bale <sup>4</sup> .....	48.5	53.3	51.5	51.5
Cottonseed.....	3.8	4.0	4.0	4.0	Metric ton.....	20.4	22.1	21.5	21.6
Tobacco <sup>5</sup> .....	7.1	7.3	7.2	7.1	do.....	4.0	4.5	4.5	4.5
Beet sugar, centrifugal.....	.....	.....	.....	.....	do.....	24.1	31.2	30.2	31.2
Cane sugar, centrifugal.....	.....	.....	.....	.....	do.....	31.2	37.2	42.0	40.6
Sugar, centrifugal, all.....	.....	.....	.....	.....	do.....	55.3	68.4	72.2	71.8
Sugar, noncentrifugal.....	.....	.....	.....	.....	do.....	7.3	8.6	9.2	8.7
Potatoes <sup>7</sup> .....	19	17	17	17	do.....	235	258	240	258
Dry edible beans <sup>8</sup> .....	7.3	8.6	8.1	8.4	do.....	4.9	5.2	5.6	5.5
Dry peas <sup>9</sup> .....	1.6	1.3	1.3	1.3	do.....	1.6	1.4	1.4	1.2
Flaxseed.....	7.8	6.3	6.8	7.4	do.....	3.0	3.0	3.5	4.2
Soybeans.....	22.5	25.3	28.4	29.5	do.....	39.5	39.4	40.4	41.8
Peanuts.....	16.7	17.9	18.0	18.5	do.....	14.6	15.3	16.4	17.4
Total area shown.....	636.5	664.9	660.0	654.9					

<sup>1</sup> Acreage and production figures may vary from those in the commodity tables by country breakdown due to later estimates.

<sup>2</sup> Unless otherwise indicated, the years shown refer to years of harvest in the Northern Hemisphere countries. Harvests of Northern Hemisphere countries are combined with those of Southern Hemisphere countries in the following table. Harvests of countries in the Northern Hemisphere in 1960 are combined with Southern Hemisphere harvests which begin late in 1959 and end in the first half of 1970.

<sup>3</sup> Preliminary.

<sup>4</sup> Excludes Communist China and U.S.S.R.

<sup>5</sup> Bales of 480 pounds.

<sup>6</sup> Year beginning Jan. 1.

<sup>7</sup> 32 countries.

<sup>8</sup> 33 countries.

<sup>9</sup> 21 countries.

<sup>10</sup> Southern Hemisphere crops which are harvested in the early part of the year are combined with those of the Northern Hemisphere harvested the latter part of the same year.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research, and related information.

Table 833.—Precipitation and temperature, by States and climatic divisions, annual averages, 1970

State and climatic division	1970		State and climatic division	1970		State and climatic division	1970	
	Total precipitation (inches)	Average temperature (° F.)		Total precipitation (inches)	Average temperature (° F.)		Total precipitation (inches)	Average temperature (° F.)
<b>Maine:</b>			<b>Illinois—Continued</b>			<b>Nebraska—Continued</b>		
Northern.....	37.80	39.1	East Southeast.....	36.30	53.7	Northeast.....	23.96	48.5
Southern Interior.....	41.14	43.0	Southwest.....	39.48	55.9	Central.....	19.36	49.7
Coastal.....	42.66	45.2	Southeast.....	42.25	56.5	East Central.....	25.60	50.9
<b>New Hampshire:</b>			<b>Michigan:</b>			Southwest.....	14.02	50.1
Northern.....	39.21	40.6	West Upper.....	32.01	40.1	South Central.....	19.74	51.7
Southern.....	39.09	45.1	East Upper.....	35.07	40.8	Southeast.....	28.08	52.2
<b>Vermont:</b>			Northwest Lower.....	31.11	44.0	<b>Kansas:</b>		
Northeastern.....	34.00	41.7	Northeast Lower.....	30.80	43.5	Northeast.....	16.68	52.3
Western.....	33.78	44.5	West Central.....			North Central.....	21.76	53.7
Southeastern.....	37.81	44.0	Lower.....	34.36	46.4	Northeast.....	33.99	53.8
<b>Massachusetts:</b>			Central Lower.....	32.46	46.4	West Central.....	16.06	53.1
Western.....	40.06	45.1	East Central.....			Central.....	23.47	54.9
Central.....	41.22	47.3	Lower.....	29.63	47.1	East Central.....	35.28	55.1
Coastal.....	43.57	49.3	Southwest Lower.....	38.17	48.4	Southwest.....	15.00	55.0
<b>Rhode Island:</b>			South Central.....			South Central.....	22.09	56.8
.....	45.09	49.5	Lower.....	35.23	47.6	Southeast.....	34.31	57.0
<b>Connecticut:</b>			Southeast Lower.....	28.62	48.7	<b>Delaware:</b>		
Northwest.....	37.08	47.0	<b>Wisconsin:</b>			Northern.....	38.83	54.1
Central.....	39.64	48.3	Northwest.....	33.79	41.1	Southern.....	41.86	55.3
Coastal.....	36.03	50.4	North Central.....	31.41	41.0	<b>Maryland:</b>		
<b>New York:</b>			Northeast.....	31.72	42.1	Southern Eastern.....	37.25	56.2
Western Plateau.....	39.28	45.4	West Central.....	35.36	44.0	Shore.....		
Eastern Plateau.....	38.60	45.1	Central.....	30.76	44.2	Central Eastern.....	38.41	56.5
Northern Plateau.....	40.19	40.7	East Central.....	28.01	44.8	Shore.....		
Coastal.....	34.99	52.8	Southwest.....	31.96	46.2	Lower Southern.....	38.56	56.4
Hudson Valley.....	35.31	47.9	South Central.....	30.56	46.5	Upper Southern.....	40.39	55.6
Mohawk Valley.....	42.63	45.1	Southeast.....	32.53	46.6	Northern Eastern.....		
Champlain Valley.....	31.21	43.8	<b>Minnesota:</b>			Shore.....	37.71	55.5
St. Lawrence Valley.....			Northwest.....	23.07	37.4	Northern Central.....	42.75	53.5
.....	38.40	43.0	North Central.....	23.06	37.7	Appalachian Mts.....	42.67	52.9
Great Lakes.....	40.64	47.2	Northeast.....	29.43	37.6	Allegheny Plateau.....	46.18	48.0
Central Lakes.....	36.50	46.5	West Central.....	23.86	41.8	<b>Virginia:</b>		
<b>New Jersey:</b>			Central.....	28.23	42.3	Tidewater.....	36.63	58.3
Northern.....	41.01	50.5	East Central.....	30.07	41.2	Eastern Piedmont.....	34.33	57.2
Southern.....	39.16	53.6	Southwest.....	29.24	43.2	Western Piedmont.....	39.99	56.6
Coastal.....	37.42	53.5	South Central.....	32.19	43.7	Northern.....	40.32	54.1
<b>Pennsylvania:</b>			Southeast.....	34.77	43.5	Central Mountain.....	36.65	53.8
Pocono Mts.....	39.17	46.7	<b>Iowa:</b>			Southwestern Mts.....	36.30	53.2
East Central Mts.....	42.16	49.2	Northwest.....	25.93	45.3	<b>West Virginia:</b>		
Southeastern.....			North Central.....	31.40	45.0	Northwestern.....	42.20	53.4
Piedmont.....	42.82	52.7	Northeast.....	35.56	46.1	North Central.....	44.18	52.7
Lower Susquehanna.....	47.38	52.3	West Central.....	27.23	48.4	Southwestern.....	41.46	55.4
Middle Susquehanna.....	40.72	49.7	Central.....	33.96	47.7	Central.....	45.47	49.7
Upper Susquehanna.....			East Central.....	39.88	49.0	Southern.....	32.58	53.1
.....	36.80	45.7	Southwest.....	29.47	50.9	Northeastern.....	37.48	52.9
Central Mts.....	44.32	47.5	South Central.....	38.30	50.4	<b>North Carolina:</b>		
South Central Mts.....	47.38	50.3	Southeast.....	45.39	51.0	Southern Mts.....	44.07	55.5
Southwest Plateau.....	43.47	50.3	<b>Missouri:</b>			Northern Mts.....	47.38	54.1
Northwest Plateau.....	45.29	47.3	Northwest Prairie.....	38.76	53.4	Northern Piedmont.....	39.48	58.5
<b>Ohio:</b>			Northeast Prairie.....	47.73	53.8	Central Piedmont.....	42.55	59.2
Northwest.....	33.82	49.8	West Central.....			Southern Piedmont.....		
North Central.....	34.18	50.2	Plains.....	42.29	55.6	mont.....	43.02	60.5
Northeast.....	37.77	49.2	West Ozarks.....	43.47	55.9	Southern Coastal.....		
West Central.....	33.75	50.6	East Ozarks.....	44.06	55.2	Plain.....	46.16	62.0
Central.....	38.00	52.1	Beckwith.....	49.68	58.1	Central Coastal.....		
Central Hills.....	36.83	49.8	<b>North Dakota:</b>			Plain.....	44.80	61.6
Northeast Hills.....	41.36	50.7	Northwest.....	19.75	38.0	Central Coastal.....		
Southwest.....	37.80	53.4	North Central.....	18.69	37.1	Plain.....	45.22	60.7
South Central.....	42.10	54.3	Northeast.....	20.14	37.3	<b>South Carolina:</b>		
Southeast.....	40.68	51.8	West Central.....	20.26	39.4	Mountain.....	54.77	51.1
<b>Indiana:</b>			Central.....	16.25	39.2	Northeast.....	42.20	60.9
Northwest.....	40.02	50.0	East Central.....	19.88	39.5	North Central.....	41.15	61.4
North Central.....	38.45	49.2	Southwest.....	19.69	40.5	Northeast.....	45.01	62.8
Northeast.....	34.26	49.4	South Central.....	17.03	40.3	West Central.....	45.53	61.8
West Central.....	36.39	51.5	Southeast.....	17.56	40.5	Central.....	47.35	63.6
Central.....	35.33	50.8	<b>South Dakota:</b>			Southern.....	44.26	64.7
East Central.....	33.06	50.5	Northwest.....	17.28	43.6	<b>Georgia:</b>		
Southwest.....	42.37	54.8	North Central.....	19.15	42.6	Northeast.....	47.05	59.8
South Central.....	43.64	53.9	Northeast.....	19.25	42.4	North Central.....	46.82	59.2
Southeast.....	41.95	54.6	Black Hills.....	24.02	44.0	Northeast.....	47.94	59.8
<b>Illinois:</b>			Southwest.....	15.43	47.0	West Central.....	52.58	62.5
Northwest.....	44.67	49.2	Central.....	16.00	45.5	Central.....	47.10	63.7
Northeast.....	43.06	49.2	East Central.....	21.57	43.9	East Central.....	45.92	64.0
West.....	50.34	51.7	South Central.....	17.11	47.7	Southwest.....	49.42	65.5
Central.....	43.78	51.4	Southeast.....	22.26	46.9	South Central.....	53.14	65.7
East.....	41.21	51.4	<b>Nebraska:</b>			Southeast.....	50.15	66.4
West Southwest.....	42.00	62.9	Panhandle.....	14.77	47.3			
			North Central.....	17.59	47.8			

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Table 833.—Precipitation and temperature, by States and climatic divisions, annual averages, 1970—Continued

State and climatic division	1970		State and climatic division	1970		State and climatic division	1970	
	Total precipitation (inches)	Average temperature (° F.)		Total precipitation (inches)	Average temperature (° F.)		Total precipitation (inches)	Average temperature (° F.)
Florida:			Texas—Continued			Utah:		
Northwest.....	65.39	60.9	Edwards Plateau.....	18.63	64.5	Western.....	8.03	49.0
North.....	56.85	68.5	South Central.....	33.50	68.4	Dixie.....	10.20	59.2
North Central.....	47.85	70.9	Upper Coast.....	51.14	68.3	North Central.....	19.63	49.4
South Central.....	45.14	71.6	Southern.....	21.02	70.4	South Central.....	12.22	47.5
Everglades and S.W. Coast.....	53.91	72.8	Lower Valley.....	29.10	72.3	Northern Mts.....	21.49	41.7
Lower East Coast.....	51.18	73.8	Montana:			Uinta Basin.....	7.28	46.0
Keys.....	40.85	76.8	Western.....	21.98	43.1	Southeast.....	8.44	52.0
Kentucky:			Southwestern.....	17.87	40.6	Nevada:		
Western.....	48.29	57.3	North Central.....	14.96	41.0	Northwestern.....	10.16	50.2
Central.....	52.90	56.4	Central.....	14.54	42.9	Northeastern.....	12.90	45.2
Blue Grass.....	45.43	54.9	South Central.....	18.01	44.2	South Central.....	7.35	50.8
Eastern.....	46.64	55.2	Northeastern.....	14.34	41.0	Extreme Southern.....	4.40	62.9
Tennessee:			Southeastern.....	15.03	43.3	Washington:		
Eastern.....	44.10	56.9	Idaho:			West Olympic Coastal.....	95.33	49.4
Cumberland Plateau.....	52.23	56.2	Panhandle.....	29.54	45.9	N.E. Olympic-San Juan.....	21.66	49.3
Middle.....	51.18	57.7	N.C. Canyons.....	26.01	52.0	Puget Sound.....	39.43	50.5
Western.....	53.61	58.5	Central Mts.....	33.95	42.6	Lowlands.....	62.21	49.6
Alabama:			Southwestern.....	18.14	51.5	Cascade Foothills.....	86.11	44.1
Northern Valley.....	51.14	60.0	Valleys.....	14.33	46.0	East Slope Cascades.....	11.38	47.4
Appalachian Mt.....	49.53	59.8	Southwestern.....	14.89	47.6	Okanogan-Big Bend.....	10.46	51.1
Upper Plains.....	54.49	61.5	Highlands.....	11.14	42.1	Central Basin.....	21.29	44.9
Eastern Valley.....	50.40	61.6	Central Plains.....	14.35	43.9	Northeastern.....	18.87	49.6
Piedmont Plateau.....	56.62	61.6	Northeastern.....	19.42	41.9	Willamette Valley.....	56.95	51.9
Prairie.....	49.64	63.5	Wyoming:			Southwestern.....	42.03	52.4
Coastal Plain.....	55.93	64.1	Yellowstone.....	16.89	37.9	Valleys.....	83.67	47.5
Gulf.....	68.02	67.0	Drainage.....	24.80	36.5	Northern Cascades.....	29.12	42.9
Mississippi:			Snake Drainage.....	10.40	38.9	High Plateau.....	16.33	50.1
Upper Delta.....	54.20	61.8	Green and Bear.....	8.41	44.7	North Central.....	13.72	46.7
North Central.....	53.76	60.7	Big Horn.....	15.37	43.2	South Central.....	23.40	45.6
Northeast.....	54.89	60.8	Powder, Little Missouri and Tongue Drainage.....	16.28	43.6	Southeast.....	13.35	49.6
Lower Delta.....	53.03	63.5	Belle Fourche Drainage.....	13.14	45.4	California:		
Central.....	53.14	62.7	Cheyenne and Niobrara Drainage.....	14.42	45.8	North Coast.....	54.31	54.8
East Central.....	53.69	62.1	Wind River.....	8.31	43.3	Drainage.....	48.58	56.3
Southwest.....	48.87	64.6	Upper Plate.....	13.59	41.1	Sacramento.....	27.22	45.4
South Central.....	54.24	64.5	Colorado:			Drainage.....	24.67	58.1
Southeast.....	50.49	63.9	Arkansas Drainage.....	13.94	48.5	San Joaquin.....	21.92	60.2
Coastal.....	65.75	66.7	Colorado Drainage.....	16.69	42.5	Drainage.....	16.38	61.3
Arkansas:			Kansas Drainage.....	13.43	50.8	S.E. Desert.....	6.98	63.9
Northwest.....	47.53	57.4	Platte Drainage.....	14.92	45.2	Alaska:		
North Central.....	51.10	57.6	Rio Grande Drainage.....	12.75	40.2	Southeastern.....	88.43	41.8
Northeast.....	52.47	60.0	New Mexico:			South Coast.....	74.03	39.3
West Central.....	47.11	60.7	Northwestern.....	9.70	48.8	Southwestern.....	40.29	38.2
Central.....	48.50	61.2	Plateau.....	18.87	46.2	Islands.....	14.17	37.1
East Central.....	49.62	61.4	Northern Mts.....	12.47	55.0	Copper River.....	20.49	24.5
Southwest.....	50.55	62.0	Northeastern.....	9.98	49.4	Cook Inlet.....	27.56	33.0
South Central.....	46.58	62.4	Southwestern Mts.....	11.68	49.3	Bristol Bay.....	16.71	26.4
Southeast.....	47.15	62.7	Central Valley.....	9.80	58.7	West Central.....	16.76	24.0
Louisiana:			Central Highlands.....	7.64	50.0	Interior Basin.....	6.36	13.8
Northwest.....	45.13	63.8	Southeastern Plains.....	7.45	62.4	Arctic Drainage.....	61.96	71.6
North Central.....	46.17	64.0	Southern Desert.....	11.74	51.1	Hawaii:		
Northeast.....	48.96	64.4	Arizona:			Island of Kauai.....	55.15	74.6
West Central.....	44.14	64.8	Northwest.....	16.45	57.9	Island of Oahu.....	30.64	74.6
Central.....	48.62	65.4	North Central.....	17.26	59.2	Island of Molokai.....	29.15	69.9
East Central.....	57.39	66.2	East Central.....	4.26	70.8	Island of Lanai.....	69.92	69.9
Southwest.....	55.97	66.4	Southwest.....	8.97	68.8	Island of Maui.....	77.96	68.8
South Central.....	57.73	67.6	South Central.....	11.73	62.2			
Southeast.....	55.23	67.9						
Oklahoma:								
Panhandle.....	12.57	56.9						
North Central.....	20.49	59.6						
Northeast.....	35.87	58.0						
West Central.....	17.41	60.2						
Central.....	33.12	60.5						
East Central.....	45.00	60.5						
Southwest.....	17.81	62.2						
South Central.....	34.87	62.3						
Southeast.....	46.31	61.8						
Texas:								
High Plains.....	12.10	57.9						
Low Rolling Plains.....	14.58	62.5						
North Central.....	30.28	64.4						
East Texas.....	39.66	65.0						
Trans Pecos.....	13.54	62.8						

Environmental Data Service, National Oceanic and Atmospheric Administration, U.S. Department of Commerce. Data for monthly and annual 30-year normals (1931-60) in *Agricultural Statistics, 1967*, tables 839 and 840.



Table 834.—Commodity futures: Volume and estimated value of futures trading for principal regulated commodities, 1 years ending June 30, 1966-70<sup>1</sup>

Commodity	Unit	Volume of trading					Value of trading				
		1966	1967	1968	1969	1970	1966	1967	1968	1969	1970
Wheat.....	Million bushels.....	6,000	10,425	9,260	8,930	3,714	9,939	18,644	13,818	9,003	5,163
Corn.....	do.....	5,576	13,569	7,441	8,693	3,536	6,327	18,430	8,302	10,007	7,913
Oats.....	do.....	3,099	2,569	1,411	1,381	536	277	1,390	338	1,000	500
Soybeans.....	do.....	16,377	9,501	4,805	4,714	6,435	512	356	234	160	64
Sorghum grain.....	do.....	3,402	3,708	629	4,714	6,435	46,232	28,638	12,957	12,127	16,358
Cotton.....	1,000 bales.....	66	86	19,742	15,419	3,304	8	71	13	12	5
Wool.....	1,000 pounds.....	46,438	24,185	15,198	7,859	4,962	367	184	108	2,286	433
Eggs, shell.....	1,000 cartons.....	96	71	41	257	( <sup>1</sup> ) 425	487	423	252	55	33
Eggs, frozen.....	do.....	20	3	1	567	72	758	1,277	10	20	1
Potatoes.....	1,000 cartons.....	413	703	412	38	1,672,131	72	34	1	986	835
Cocoa.....	60,000 pounds.....	8,723	3,689	172	436,416	71,760	3,741	2,918	1,397	2,046	10,350
Soybean oil.....	1,000 tons.....	587,305	429,746	267,328	40,564	71,760	2,615	3,343	2,471	3,061	5,342
Soybean meal.....	do.....	37,733	42,318	33,265	624,922	860,858	712	1,018	1,873	6,142	10,314
Cattle, live beef.....	40,000 pounds.....	106,412	281,336	281,336	46,067	25,512	125	125	203	383	210
Steers, choice.....	27,000 pounds.....	17,608	27,333	27,333	12,834	119,716	18	41	45	60	709
Hogs, live.....	30,000 pounds.....	3,666	8,990	11,029	1,070,102	2,287,292	10,475	9,731	12,968	17,310	20,034
Pork, frozen bellies.....	36,000 pounds.....	778,991	1,311,897	1,311,897	80,870	80,870	86	37	3	3	3
Hides.....	40,000 pounds.....	3,440	3,440	3,440	179,966	88,870	86	36	608	1,513	575
Orange juice, frozen concentrated.....	15,000 pounds.....	10,440	6,884	7,736	179,966	88,870	86	36	608	1,513	575
Total.....	.....	.....	.....	.....	.....	.....	83,132	86,302	60,073	67,485	92,846

<sup>1</sup> Commodities covered by the Commodity Exchange Act.<sup>2</sup> All contract markets combined.<sup>3</sup> Less than 500 contracts.<sup>4</sup> Prior to the 1969 August future, contract unit was 25,000 pounds.<sup>1</sup> Prior to the 1970 July future, contract unit was 20,000 pounds.<sup>2</sup> Prior to the 1971 February future, contract unit was 30,000 pounds.

Commodity Exchange Authority.

Table 835.—Commodity futures: Estimated number of futures transactions and number of monthend open contracts for principal regulated commodities,<sup>1</sup> years ending June 30, 1966-70<sup>2</sup>

Commodity	Transactions (one side only)					Average monthend open contracts				
	1966	1967	1968	1969	1970	1966	1967	1968	1969	1970
Wheat.....	Thousands 1,200	Thousands 2,085	Thousands 1,852	Thousands 1,380	Thousands 743	Number 32,043	Number 42,402	Number 48,168	Number 42,960	Number 26,612
Corn.....	1,075	1,114	1,512	1,717	1,300	33,568	65,142	46,952	40,394	40,394
Oats.....	80	114	83	139	107	3,223	5,018	2,814	4,268	5,119
Rye.....	80	55	39	27	11	2,155	2,013	1,708	1,014	581
Soybeans.....	3,256	1,900	961	943	1,287	47,813	42,927	34,908	33,366	38,331
Sorghum grain.....	3	12	107	3	33	303	712	154	151	69
Wool.....	46	24	15	14	3	13	277	5	5	2,905
Eggs, shell.....	96	71	41	257	629	5	2,757	2,317	1,422	2,805
Eggs, frozen.....	20	3	1	2	8	2,252	1,152	1,208	4,119	6,982
Potatoes.....	413	702	412	567	425	808	1,332	98	125	5
Cottonseed oil.....	9	4				13,429	15,488	14,702	16,771	12,102
Soybean oil.....	587	430	267	426	1,672	435	224	27	16,089	26,923
Soybean meal.....	377	423	333	406	718	17,386	16,135	10,789	11,390	15,012
Cattle, live beef.....	107	251	27	625	26	12,037	13,030	11,460	22,427	21,556
Hogs, live.....	18	27	11	93	36	6,731	16,246	16,460	22,427	21,556
Hogs, frozen.....	9	9	27	13	120	689	1,533	731	1,732	4,067
Pork, frozen bellies.....	779	845	1,312	1,670	2,287	11,100	12,066	15,412	17,754	19,155
Hides.....	10	6	3	1	1	331	295	310	116	10
Orange juice, frozen concentrated.....		7	78	180	87	556	556	3,660	5,619	3,317
Total.....	8,140	9,574	7,428	8,569	10,312	188,121	237,716	219,288	238,609	230,537

<sup>1</sup> Commodities covered by the Commodity Exchange Act.<sup>2</sup> In terms of contract units, all contract markets combined. Contract unit is as shown in unit column of table 834, except for the following commodities: Grains and soybeans, 5,000 bushels; sorghum grain, 280,000 pounds; cotton, 100 bales; eggs (shell)

and potatoes, carlots; eggs (frozen), 30,000 pounds beginning with the 1967 September future and 30,000 pounds prior to that future; and soybean meal, 100 tons.

Commodity Exchange Authority.

Table 836.—Fish: Catch and disposition of catch in commercial fisheries, United States, 1954-70 (round weight)

Year	Catch	Disposition			
		Fresh and frozen	Canned	Cured	Byproducts and bait
	Million pounds	Million pounds	Million pounds	Million pounds	Million pounds
1954.....	4,645	1,467	1,159	85	1,934
1955.....	4,794	1,568	1,039	86	2,101
1956.....	5,252	1,826	1,202	87	2,437
1957.....	4,778	1,446	1,117	88	2,127
1958.....	4,736	1,541	1,210	85	1,900
1959.....	5,122	1,539	977	83	2,523
1960.....	4,942	1,631	1,043	82	2,186
1961.....	5,187	1,572	1,077	81	2,457
1962.....	5,354	1,821	1,166	80	2,547
1963.....	4,847	1,657	1,073	78	2,039
1964.....	4,541	1,643	1,033	71	1,794
1965.....	4,776	1,750	1,042	76	1,908
1966.....	4,364	1,601	894	77	1,792
1967.....	4,055	1,452	1,001	77	1,525
1968.....	4,160	1,543	1,017	67	1,533
1969.....	4,292	1,509	985	70	1,778
1970 <sup>1</sup> .....	4,884	1,506	1,172	72	2,134

<sup>1</sup> Preliminary.U.S. Department of Commerce, National Marine Fisheries Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 842.

Table 837.—Frozen fishery products: Production, by geographic divisions, 1954-70

Year	New England	Middle Atlantic	South Atlantic	East North Central	West North Central	South Central	Pacific and Alaska	Total
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1954.....	142,006	14,064	13,164	2,385	2,783	50,044	77,612	302,668
1955.....	168,841	20,116	10,679	2,251	1,977	45,670	65,150	314,664
1956.....	145,399	16,280	23,386	2,726	2,826	53,503	80,844	324,964
1957.....	139,846	15,025	28,946	1,235	2,162	56,727	70,217	314,158
1958.....	140,605	11,489	29,454	2,169	1,818	59,783	76,835	322,153
1959.....	136,575	9,912	31,985	813	2,606	75,614	79,097	336,602
1960.....	144,907	9,197	34,840	829	1,195	67,919	69,854	328,741
1961.....	143,030	6,939	30,901	1,317	2,689	57,313	77,396	319,585
1962.....	146,555	9,461	32,257	548	1,428	61,899	91,351	343,479
1963.....	131,337	9,299	44,579	1,263	760	76,813	87,415	351,466
1964.....	125,802	9,211	41,332	482	60	75,412	76,985	332,284
1965.....	138,329	5,783	41,206	2,000	38	85,691	93,734	366,781
1966.....	135,162	4,327	39,780	421	28	75,696	103,225	358,639
1967.....	108,254	3,516	32,819	1,856	18	90,884	86,934	324,281
1968.....	126,187	3,609	45,555	1,222	41	104,363	87,450	368,427
1969.....	101,147	3,248	58,770	69	15	108,913	80,533	352,665
1970.....	117,625	1,319	59,059	2,931	40	113,697	93,623	388,294

U.S. Department of Commerce, National Marine Fisheries Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 843.

Table 838.—Fresh and frozen packaged fish:<sup>1</sup> Production and value, by principal species, United States, 1954-70

Year	Cod		Flounders		Haddock	
	Quantity	Value	Quantity	Value	Quantity	Value
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1954.....	12,235	2,843	30,232	7,617	48,867	11,572
1955.....	11,667	2,783	22,515	5,638	38,226	9,833
1956.....	10,232	2,606	21,822	5,714	44,230	11,273
1957.....	10,087	2,489	24,259	6,336	39,401	11,800
1958.....	11,813	3,414	24,516	6,617	33,357	11,603
1959.....	12,583	3,552	24,388	6,740	30,613	10,143
1960.....	9,483	2,851	28,378	11,204	33,324	10,839
1961.....	10,128	3,304	31,517	12,207	38,160	12,009
1962.....	11,236	3,619	38,196	14,097	41,533	14,170
1963.....	10,432	3,395	45,894	16,426	36,708	13,284
1964.....	10,116	3,351	48,554	17,457	37,331	13,710
1965.....	9,975	3,530	49,586	20,267	40,154	16,286
1966.....	10,284	3,907	49,542	22,754	40,110	16,966
1967.....	14,006	5,409	45,287	20,731	34,069	15,376
1968.....	13,955	5,338	43,384	20,478	22,351	11,162
1969.....	15,397	6,980	46,229	24,961	13,353	8,492
1970 <sup>2</sup> .....	13,619	7,445	46,657	28,712	8,867	6,925

Year	Ocean perch, Atlantic		Whiting		Other		Total	
	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars	1,000 pounds	1,000 dollars
1954.....	55,539	12,615	3,306	555	33,504	10,984	171,705	46,186
1955.....	47,817	10,895	3,703	561	34,736	11,979	158,664	44,721
1956.....	44,570	10,023	3,188	591	38,757	14,135	162,799	47,342
1957.....	39,763	9,121	3,781	644	37,174	15,372	154,465	46,762
1958.....	43,626	10,612	4,208	796	38,355	15,185	155,875	51,227
1959.....	38,749	9,435	4,642	806	36,264	12,494	147,237	46,170
1960.....	48,551	10,177	2,951	571	25,479	12,795	153,166	48,437
1961.....	37,494	9,475	3,297	630	37,516	14,239	158,112	51,764
1962.....	35,485	9,429	3,180	641	41,876	17,351	171,528	59,307
1963.....	30,250	8,490	2,405	535	40,296	15,331	165,985	57,461
1964.....	23,815	6,324	2,094	460	39,211	16,062	161,121	57,364
1965.....	22,686	6,156	2,286	500	44,135	19,566	168,832	66,314
1966.....	21,464	5,743	2,438	617	41,832	19,549	165,390	69,536
1967.....	19,477	5,172	1,818	452	38,339	17,196	152,995	64,336
1968.....	15,556	3,953	2,090	520	38,176	18,917	135,512	60,368
1969.....	14,618	4,037	895	270	47,121	24,717	137,613	69,457
1970 <sup>2</sup> .....	16,008	4,922	782	267	47,876	27,159	133,809	75,430

<sup>1</sup> Packaged fish represents production of filets and steaks.<sup>2</sup> Preliminary.U.S. Department of Commerce, National Marine Fisheries Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 844.

Table 839.—Canned fishery products: Production and value, United States, 1954-70

Year	Salmon	Sardines		Tuna and tuna-like fishes	Mack- erel	Shrimp	Clam prod- ucts <sup>1</sup>	Oysters	Other prod- ucts <sup>1</sup>	Total
		Maine	Pacific							
Production										
	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.	1,000 lb.
1954	199,810	59,579	60,215	214,454	16,748	14,021	43,005	6,245	248,552	802,629
1955	187,855	25,758	63,657	196,500	25,399	13,516	44,547	7,834	309,853	845,019
1956	164,768	45,296	33,963	229,570	50,235	13,065	48,163	6,494	383,543	975,097
1957	153,917	45,019	22,399	232,676	59,696	9,120	48,652	6,981	413,205	991,665
1958	179,134	49,139	100,016	279,238	18,199	14,308	47,212	5,580	406,426	1,069,252
1959	118,330	41,024	33,956	283,262	26,407	13,832	47,168	5,896	404,701	974,576
1960	136,049	46,744	27,714	301,664	42,064	14,268	45,256	5,747	484,050	1,083,556
1961	177,443	17,635	18,859	313,635	62,026	9,284	50,221	6,240	387,396	1,042,739
1962	182,435	50,248	6,168	336,116	54,917	13,249	54,019	4,501	432,067	1,133,710
1963	188,153	37,890	2,568	328,099	57,395	15,904	58,742	6,249	370,969	1,035,909
1964	180,442	20,259	5,438	350,301	48,187	9,740	60,348	5,912	414,938	1,095,565
1965	174,413	29,646	374	359,349	31,655	15,629	67,592	4,033	438,938	1,121,629
1966	209,161	31,182	116	398,694	18,575	14,201	69,795	2,800	443,086	1,187,610
1967	99,473	29,260	( <sup>2</sup> )	394,841	12,733	16,851	65,741	4,623	574,870	1,198,392
1968	165,490	40,489	—	400,159	22,294	18,967	61,830	4,557	553,239	1,267,025
1969	122,444	24,402	—	403,386	17,354	20,729	62,923	2,000	515,043	1,168,281
1970 <sup>3</sup>	187,841	18,851	—	440,865	8,487	26,491	64,984	1,904	603,892	1,353,315
Value										
	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954	92,255	18,153	9,818	142,149	2,509	13,691	12,301	5,829	34,313	331,018
1955	81,356	9,333	10,014	125,259	3,334	13,562	12,057	7,004	41,246	303,165
1956	93,473	16,750	5,734	140,338	6,435	15,800	13,619	6,222	49,195	347,566
1957	86,149	14,733	4,721	135,907	7,404	13,136	13,317	7,008	53,454	335,829
1958	92,822	15,874	16,497	162,615	2,657	20,791	12,551	5,445	59,330	388,582
1959	71,827	14,902	5,399	159,526	4,235	16,948	13,291	5,721	56,402	348,251
1960	88,197	16,700	4,659	172,786	5,804	17,233	13,676	5,640	62,900	387,585
1961	116,955	7,560	3,664	190,283	8,529	11,742	15,824	5,776	62,493	422,836
1962	106,712	20,077	1,300	210,033	7,560	18,973	17,115	4,357	70,539	456,866
1963	87,963	13,244	685	202,158	7,603	19,531	17,449	5,633	67,341	421,607
1964	96,761	7,584	1,030	217,762	6,760	12,966	17,957	5,292	71,528	436,660
1965	122,744	10,868	71	233,370	4,997	20,655	18,097	3,701	80,728	495,231
1966	136,075	12,262	25	272,068	3,346	21,973	21,125	3,201	93,633	563,708
1967	76,121	13,862	( <sup>2</sup> )	264,056	2,363	24,332	21,726	6,152	116,951	525,563
1968	118,015	19,297	—	270,569	4,098	29,444	20,444	5,624	116,417	583,908
1969	90,286	11,512	—	299,636	3,317	27,730	22,045	2,164	118,843	575,533
1970 <sup>3</sup>	142,661	11,227	—	381,528	1,536	38,992	24,899	2,102	147,717	790,662

<sup>1</sup> Represents the net weight of canned products. In the classifications "Clam products" and "Other products," the weight of any chowders, soups, and juices includes the weight of the entire mixture, which may contain potatoes and other vegetables, etc.

<sup>2</sup> Beginning 1967, included in "Other products."

<sup>3</sup> Preliminary.

U.S. Department of Commerce, National Marine Fisheries Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 845.

Table 840.—Fishery products: United States imports for consumption, 1966-70

Class and item	Unit	1966		1967		1968		1969		1970	
		Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars	Quantity	Value 1,000 dollars
<b>Edible fishery products:</b>											
<b>Fresh or frozen:</b>											
<b>Fish, fresh-water and salt-water:</b>											
Whitefish.....	1,000 pounds.....	11,296	4,783	10,037	10,335	10,335	4,783	8,983	8,447	8,447	742
Yellow pike.....	do.....	2,884	2,792	3,792	3,422	3,422	2,792	5,486	4,397	4,397	2,701
Cod, haddock, lake, pollock, and cusk.....	do.....	19,496	7,531	3,478	4,708	4,708	7,531	5,433	5,553	5,553	1,542
Halibut.....	do.....	8,200	5,914	15,367	18,082	18,082	5,914	20,063	18,213	18,213	8,124
Sea berring.....	do.....	135,485	2,338	132,852	6,811	6,811	2,338	8,425	7,448	7,448	6,656
Tuna.....	do.....	403,372	81,838	387,760	2,132	200,988	3,065	115,550	1,852	103,924	1,852
Other.....	do.....	407,805	119,270	368,429	384,827	384,827	69,492	393,304	427,427	430,540	98,425
Fileted, skinned, and boned.....	do.....	47,515	14,132	45,536	102,043	499,399	136,435	547,162	161,137	594,594	198,224
Shellfish.....	do.....	703	125	708	171	749	18,940	50,145	15,797	39,301	20,046
Clams.....	do.....	53,970	76,575	50,908	39,815	39,815	90,006	62,439	112,708	55,146	93,762
Lobsters.....	do.....	176,425	141,259	183,512	184,798	184,798	190,138	172,114	214,539	196,843	196,843
Crab.....	do.....	23,666	11,868	26,440	25,847	25,847	22,591	24,370	23,028	28,184	27,614
Other.....	do.....	5,723	3,971	4,930	6,036	6,036	4,820	5,444	5,326	6,493	6,713
Anchovies.....	do.....	57,598	17,030	52,439	16,510	58,867	18,577	45,444	45,444	45,444	11,333
Sardines.....	do.....	64,414	27,082	66,494	33,062	33,062	7,834	37,369	37,369	37,369	44,833
Tuna and bonito.....	do.....	63,827	4,529	6,529	7,295	7,295	2,644	2,771	8,141	7,966	7,966
Lobsters.....	do.....	81,124	18,256	68,108	23,176	74,648	34,738	75,084	36,963	112,024	48,229
Other.....	do.....	2,475	18,679	16,061	16,061	68,367	17,246	63,368	15,841	22,046	22,046
Cured fish, dried, pickled, salted, smoked or kippered.....	do.....	2,475	18,679	16,061	16,061	68,367	17,246	63,368	15,841	22,046	22,046
Other fish and shellfish.....	do.....	1,593,714	568,091	1,470,437	538,301	1,741,365	4,166	4,079	1,109	11,700	1,929
Total edible products.....	do.....										
Total edible products.....	do.....										
Grand total.....	do.....										
<b>Nonedible fishery products:</b>											
Fish and marine animal oils.....	1,000 gallons.....	9,638	6,999	7,919	4,845	8,659	4,485	6,949	3,964	8,379	6,949
Fish scrap and meal.....	1,000 tons.....	448	59,292	651	72,992	8,855	82,517	338	91,297	251	37,713
Other nonedible products.....	do.....										
Total nonedible products.....	do.....										
Grand total.....	do.....										
Grand total.....	do.....										

U.S. Department of Commerce, National Marine Fisheries Service. Compiled from reports of the Bureau of the Census.



Table 841.—Domestic fishery products: United States exports, 1966-70

Class and Item		Unit	1966			1967			1968			1969			1970		
			Quantity	Value	<i>1,000 dollars</i>	Quantity	Value	<i>1,000 dollars</i>	Quantity	Value	<i>1,000 dollars</i>	Quantity	Value	<i>1,000 dollars</i>	Quantity	Value	<i>1,000 dollars</i>
Edible fishery products:																	
Fresh or frozen:																	
Fish:																	
	Cod, haddock, hake, pollock, and cusk.....	1,000 pounds.....	1,196	327	296	1,242	319	319	519	1,500	268	612	1,500	268	1,233	431	1,233
	Salmon.....	do.....	19,845	10,626	11,846	18,911	11,846	12,279	12,279	10,076	30,553	30,553	19,000	28,201	28,201	18,145	18,145
	Other.....	do.....	19,012	4,061	3,971	17,256	3,971	12,279	12,279	3,039	22,255	22,255	3,166	17,471	17,471	3,658	3,658
	Shellfish.....	do.....	4,927	5,046	8,654	8,112	8,654	12,147	12,147	11,280	25,219	25,219	22,146	39,570	39,570	28,416	28,416
	Strip.....	do.....	7,285	5,812	5,424	8,057	5,424	9,144	9,144	4,994	10,749	10,749	5,679	11,701	11,701	5,425	5,425
Canned:																	
Fish:																	
	Mackerel.....	do.....	1,139	266	116	538	116	305	305	66	174	174	35	98	98	20	20
	Salmon.....	do.....	20,484	14,561	15,593	20,543	15,593	5,728	5,728	4,604	15,536	15,536	11,565	16,811	16,811	13,134	13,134
	Sardines.....	do.....	3,557	1,168	488	1,373	488	3,033	3,033	1,314	2,095	2,095	901	1,466	1,466	670	670
	Other.....	do.....	8,889	6,267	5,182	5,409	5,182	4,926	4,926	4,571	5,105	5,105	4,649	5,747	5,747	5,522	5,522
	Shellfish.....	do.....	4,479	5,192	5,585	5,255	5,585	4,467	4,467	4,758	5,682	5,682	5,733	6,070	6,070	6,632	6,632
	Strip.....	do.....	16,644	7,471	7,212	18,329	7,212	15,019	15,019	3,622	15,857	15,857	4,237	12,938	12,938	4,617	4,617
Cured:																	
	Miscellaneous fish.....	do.....	2,100	2,088	3,040	2,796	3,040	6,708	6,708	8,094	6,768	6,768	7,027	9,236	9,236	8,075	8,075
	Other fish, shellfish, and fish products.....	do.....	47	57	117	119	117	301	301	277	41	41	48	130	130	150	150
Total edible products.....																	
			109,604	62,882	67,324	107,940	67,324	90,808	90,808	56,845	140,646	140,646	86,474	140,728	140,728	95,215	95,215
Nonedible fishery products:																	
Fish oils:																	
	Whale and sperm oil.....	do.....	77,255	7,401	4,773	76,816	4,773	65,129	65,129	2,700	106,073	106,073	11,048	138,787	138,787	15,699	15,699
	Furs, fur-seal, dressed or dyed.....	do.....	4,355	1,785	273	1,785	273	4,071	4,071	3,323	3,309	3,309	465	5,069	5,069	707	707
	Furs, fur-seal, dressed or dyed.....	1,000 pieces.....	63	4,088	85	85	5,442	86	86	5,901	75	75	3,926	3,393	3,393	1,782	1,782
	Shells, unmanufactured.....	do.....	9,208	4,013	25,056	42,081	25,056	25,056	25,056	2,627	24,991	24,991	365	11,613	11,613	1,782	1,782
	Other nonedible.....	do.....	764	764	283	764	283			361	361					166	166
Total nonedible products.....																	
			21,931	14,685	82,209	14,685	82,209			10,912	10,912			18,089	18,089	22,400	22,400
Grand total.....																	
			84,813	84,813	82,209	84,813	82,209			67,757	67,757			104,533	104,533	117,675	117,675

U.S. Department of Commerce, National Marine Fisheries Service. Compiled from reports of the Bureau of the Census.

Table 842.—Industrial fishery: Production, United States, 1954-70

	Marine animal scrap and meal					Marine animal body, liver, and viscera oil			
Year	Men-haden dried scrap and meal	Herring meal	Sardine (Pacific) meal	Tuna and mackerel meal	Other meal dried and green scrap	Total scrap and meal		Men-haden oil	Herring oil
						Amount	Value		
	Tons	Tons	Tons	Tons	Tons	1,000 tons	1,000 dollars	1,000 gallons	1,000 gallons
1954.....	183,091	6,973	6,513	21,576	38,814	257	32,754	18,641	761
1955.....	190,628	7,671	6,966	23,306	36,339	265	34,749	21,232	1,091
1956.....	210,582	11,298	2,809	26,266	44,838	296	37,887	22,428	1,824
1957.....	172,388	13,891	1,474	26,716	30,616	264	32,592	15,798	1,881
1958.....	158,074	10,277	10,756	25,311	43,722	248	31,759	19,065	1,760
1959.....	223,893	11,963	2,927	25,380	42,388	307	35,926	20,628	2,001
1960.....	218,423	9,151	3,508	26,499	32,556	290	25,282	24,454	1,533
1961.....	247,551	5,268	2,518	21,243	34,685	311	31,940	31,356	818
1962.....	239,707	5,095	702	26,559	40,196	312	35,573	31,016	674
1963.....	184,205	7,537	(1)	26,957	37,208	256	30,235	21,630	737
1964.....	160,349	8,881	-----	21,113	44,909	235	27,945	20,352	1,336
1965.....	175,959	12,932	-----	25,399	39,761	254	35,707	22,607	1,100
1966.....	134,954	11,860	-----	25,290	51,717	224	32,315	18,606	1,017
1967.....	119,135	9,492	-----	25,487	57,075	211	26,038	13,082	732
1968.....	143,154	15,411	-----	28,781	47,790	235	30,261	19,615	1,230
1969.....	159,493	6,563	-----	26,870	59,738	253	39,823	19,246	450
1970 <sup>1</sup> .....	186,820	6,415	-----	26,674	57,053	277	47,600	22,569	702

	Marine animal body, liver, and viscera oil—Continued						Value of—			
Year	Sardine, Pacific	Tuna and mackerel oil	Whale and sperm oil	Liver and viscera oil	Other marine animal oils	Total oils		Shell products	Other by-products	Grand total
						Amount	Value			
	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 gallons	1,000 dollars	1,000 dollars	1,000 dollars	1,000 dollars
1954.....	756	585	237	885	21,865	12,805	17,024	19,844	32,427	82,427
1955.....	898	545	219	913	24,898	14,869	14,542	19,175	83,335	83,335
1956.....	338	705	279	286	1,007	26,367	17,252	14,513	22,085	91,737
1957.....	87	738	437	153	1,255	20,349	12,619	14,289	21,881	81,381
1958.....	741	627	426	51	1,358	22,028	12,333	11,361	24,430	79,883
1959.....	188	601	521	33	1,006	24,978	13,092	9,325	23,573	82,216
1960.....	160	509	437	33	760	27,886	13,386	10,074	17,853	66,595
1961.....	86	762	463	7	924	34,416	14,373	9,362	18,894	74,599
1962.....	21	668	342	6	611	33,338	11,001	8,557	20,547	75,778
1963.....	(1)	762	275	3	571	23,978	10,833	7,001	20,512	68,601
1964.....	-----	621	408	3	531	23,251	13,297	6,192	22,213	69,647
1965.....	-----	619	344	(1)	548	25,218	14,852	5,576	26,695	82,830
1966.....	-----	530	176	-----	838	21,167	12,521	5,132	23,085	78,053
1967.....	-----	673	320	-----	986	15,793	6,112	4,933	23,944	61,027
1968.....	-----	587	309	-----	720	22,461	7,327	4,651	27,888	70,127
1969.....	-----	549	224	-----	1,439	21,908	9,326	4,170	* 35,893	89,212
1970 <sup>2</sup> .....	-----	456	88	-----	1,272	25,087	17,389	* 3,409	* 38,005	106,403

<sup>1</sup> Included with "Other meal dried and green scrap" or other oils.<sup>2</sup> Preliminary.<sup>3</sup> Includes value of processed sealakins.<sup>4</sup> Includes oyster shell products only (lime and grit).U.S. Department of Commerce, National Marine Fisheries Service. Data for 1939-53 in *Agricultural Statistics, 1967*, table 848.

Table 843.—Refrigerated warehouses: Total gross space Oct. 1, by type of plant, United States, biennially, 1951-69<sup>1</sup>

Year	Public cold storage only	Private and semiprivate cold storage	Meat-packing establishments	Total all types
	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.	1,000 cu. ft.
1951.....	425,114	187,673	98,229	711,016
1953.....	466,470	202,491	79,089	748,050
1955.....	498,599	245,850	68,558	813,017
1957.....	545,061	294,174	62,162	901,397
1959.....	569,199	325,313	50,872	945,384
1961.....	595,463	379,355	51,985	1,026,803
1963.....	633,447	428,250	50,372	1,112,069
1965.....	683,972	473,515	45,903	1,203,390
1967.....	734,804	517,468	41,833	1,294,105
1969.....	762,203	554,611	35,932	1,352,746

<sup>1</sup> Warehouse space is defined as all space artificially cooled to temperatures of 50° F. or less, in which food commodities are held for 30 days or longer. Includes Alaska and Hawaii, beginning 1959.

Statistical Reporting Service. Data for 1921-49 in *Agricultural Statistics, 1967*, table 849.

Table 844.—Refrigerated warehouses: Total gross space, by States, Oct. 1, 1969<sup>1</sup>

State	Gross space	State	Gross space	State	Gross space
	1,000 cu. ft.		1,000 cu. ft.		1,000 cu. ft.
Maine.....	15,374	North Dakota.....	4,488	Louisiana.....	6,246
New Hampshire.....	3,615	South Dakota.....	9,449	Oklahoma.....	5,272
Vermont.....	2,916	Nebraska.....	51,927	Texas.....	45,873
Massachusetts.....	40,955	Kansas.....	3,085	Montana.....	28,990
Rhode Island.....	1,990	Delaware.....	14,203	Idaho.....	5,322
Connecticut.....	4,852	Maryland and D.C.....	43,241	Wyoming.....	631
New York.....	98,775	Virginia.....	7,417	Colorado.....	1,610
New Jersey.....	40,494	West Virginia.....	3,472	New Mexico.....	5,767
Pennsylvania.....	50,949	North Carolina.....	35,225	Utah.....	182,991
Ohio.....	30,270	South Carolina.....	88,419	Nevada.....	71,968
Indiana.....	9,019	Florida.....	3,798	Washington.....	146,161
Illinois.....	62,696	Kentucky.....	19,759	Alaska.....	2,433
Michigan.....	58,709	Tennessee.....	6,208	Hawaii.....	2,131
Wisconsin.....	38,912	Alabama.....	2,821		
Minnesota.....	27,862	Mississippi.....	9,605	United States.....	1,352,746
Iowa.....	19,844	Arkansas.....			
Missouri.....	29,179				

<sup>1</sup> Only those States having 3 or more warehouses are listed separately.

Statistical Reporting Service.

## FOOTNOTES FOR TABLE 847

<sup>1</sup> Value of cane for sugar and Sugar Act compliance payments. Value of cane for sugar estimated by deducting processing and marketing costs from value of sugar and molasses. Processing costs based on toll charges paid by independent producers. Hawaiian Sugar Planters' Association.

<sup>2</sup> Value of canned fruit and juices converted to fresh weight value using a conversion of 27-29 percent of processed value. All fresh market sales were valued at f.a.s. dock shipping point.

<sup>3</sup> Excludes pineapples for fresh market; includes guavas and passion fruit used for processing.

<sup>4</sup> Year ending June 30 of following year.

<sup>5</sup> Preliminary.

Statistical Reporting Service. Data for 1946-60 in *Agricultural Statistics, 1967*, table 853.

Table 845.—Hawaii crops: Acreage, 1961-70<sup>1</sup>

Year	Sugar <sup>2</sup>	Pineapple <sup>2</sup>	Other fruits <sup>4</sup>	Vegetables and melons <sup>5</sup>	Coffee <sup>6</sup>	Macadamia nuts <sup>6</sup>	Rice <sup>7</sup>	Taro <sup>4</sup>
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1961.....	227,000	73,800	2,690	3,420	5,160	3,880	50	490
1962.....	228,900	71,600	2,080	3,280	5,810	4,100	50	500
1963.....	231,300	69,000	2,540	3,160	4,710	4,110	.....	480
1964.....	233,100	65,000	3,060	3,290	4,710	4,510	.....	470
1965.....	233,600	65,000	2,970	3,340	4,710	5,410	.....	440
1966.....	235,400	65,000	3,010	3,780	4,600	6,700	.....	400
1967.....	237,200	65,000	3,400	3,420	4,600	7,980	.....	400
1968.....	238,900	65,000	3,420	3,210	4,400	8,520	.....	420
1969.....	241,400	64,000	3,470	2,870	4,300	8,690	.....	420
1970.....	237,900	64,000	3,240	3,230	4,300	8,725	.....	420

<sup>1</sup> Approximate land area, State: 4,105,600 acres, 1964 U.S. Census of Agriculture.<sup>2</sup> Total cane land area at end of year. Hawaiian Sugar Planters' Association.<sup>3</sup> Land area including crop area, campsites, roads, etc. Year ending May 31. Plantation acreage from Pineapple Growers Association of Hawaii. 1963-70 acreage includes independent operators.<sup>4</sup> Average acreage during year.<sup>5</sup> Harvested acreage.<sup>6</sup> Total acreage Dec. 31.Statistical Reporting Service. Data for 1946-60 in *Agricultural Statistics, 1967*, table 851.

Table 846.—Hawaii crops: Volume of marketings, 1961-70

Year	Sugar raw, 96 degrees <sup>1</sup>	Pineapple, processed <sup>2</sup>		Other fruits <sup>3,4</sup>	Veget- ables and melons <sup>5</sup>	Coffee (parch- ment) <sup>6</sup>	Macadamia nuts (in shell)	Rice (milled)	Taro (for mfr.)	
		Fruit	Juice							
			Single strength							Concen- trate
	1,000 tons	1,000 cases	1,000 cases	1,000 cases	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
1961.....	1,092	13,130	9,166	412	30,623	48,257	8,432	3,781	175	
1962.....	1,120	13,177	9,263	666	28,100	51,296	13,392	5,182	183	
1963.....	1,102	12,731	* 8,700	1,084	26,567	48,200	6,651	6,003	9,640	
1964.....	1,179	11,520	* 8,100	953	38,904	52,080	9,947	7,639	9,275	
1965.....	1,218	12,585	* 9,300	1,033	34,578	49,390	7,500	8,522	9,480	
1966.....	1,234	13,168	* 8,800	1,080	38,863	55,247	8,040	8,715	8,960	
1967.....	1,191	12,333	* 8,400	622	41,335	53,945	8,700	7,966	8,153	
1968.....	1,232	* 12,400	* 8,500	926	39,697	49,655	6,000	10,436	9,140	
1969.....	1,182	* 11,900	* 9,200	* 670	31,773	48,700	4,400	10,049	8,605	
1970.....	1,162	* 13,000	* 8,700	* 800	36,049	54,150	<sup>7</sup> 4,900	<sup>7</sup> 11,500	8,555	

<sup>1</sup> Hawaiian Sugar Planters' Association.<sup>2</sup> Processed fruit and juices, equivalent 24/2½. Pineapple Growers Association of Hawaii.<sup>3</sup> Excludes quantities not marketed because of economic conditions.<sup>4</sup> Excludes pineapples for fresh market. Includes guavas and passion fruit used for processing.<sup>5</sup> Year ending June 30.<sup>6</sup> Estimated, based on historical relationship.<sup>7</sup> Preliminary.Statistical Reporting Service. Data for 1946-60 in *Agricultural Statistics, 1967*, table 852.

Table 847.—Hawaii crops: Value of marketings, 1961-70

Year	Cane for sugar <sup>1</sup>	Pineapple, fresh equivalent <sup>2</sup>	Other fruits <sup>3</sup>	Vegetables and melons	Coffee (parchment) <sup>4</sup>	Macadamia nuts	Rice	Taro
	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>	<i>1,000 dollars</i>
1961.....	86,600	34,800	1,825	4,842	1,886	693	36	580
1962.....	97,000	35,300	1,677	4,948	2,985	954	33	574
1963.....	118,900	36,500	1,695	4,838	1,744	1,061	.....	574
1964.....	101,100	35,300	2,190	4,901	3,025	1,190	.....	564
1965.....	108,300	38,500	2,186	5,105	2,362	1,651	.....	573
1966.....	116,000	38,700	2,605	5,944	2,058	1,830	.....	561
1967.....	116,600	40,200	2,845	6,211	1,545	1,964	.....	579
1968.....	122,100	37,800	3,213	6,342	1,548	2,379	.....	676
1969.....	115,400	36,000	3,414	6,304	1,562	2,472	.....	671
1970.....	120,900	38,700	3,442	6,791	* 1,715	* 2,496	.....	736

See footnotes on page 620.

Table 848.—Alaska crops: Acreage harvested, 1961-70

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vege- tables
	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>	<i>Acres</i>
1961.....	900	2,000	1,900	5,500	3,100	1,600	770	180
1962.....	1,100	2,200	1,600	6,200	3,900	2,600	730	185
1963.....	1,000	2,200	1,100	6,500	4,400	2,200	760	185
1964.....	800	1,900	1,700	6,600	4,100	1,500	730	180
1965.....	600	1,600	1,200	5,700	3,100	1,200	780	140
1966.....	400	1,600	1,600	6,800	2,800	1,400	710	150
1967.....	600	1,800	1,300	8,000	2,800	1,600	690	170
1968.....	900	1,900	900	7,700	2,700	1,600	620	270
1969.....	500	1,400	1,500	7,800	2,600	1,600	620	210
1970 <sup>1</sup> .....	500	1,800	1,500	7,400	2,600	1,600	620	190

<sup>1</sup> Preliminary.

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Table 849.—Alaska crops: Volume harvested, 1961-70

Year	Oats for grain	Barley for grain	Grain hay	Grass hay	Grain silage	Grass silage	Potatoes	Other vege- tables
	<i>Cwt.</i>	<i>Cwt.</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Tons</i>	<i>Cwt.</i>	<i>Cwt.</i>
1961.....	14,700	35,000	2,500	7,400	15,500	6,600	146,300	17,500
1962.....	21,500	40,100	2,300	8,400	18,700	7,500	138,700	19,000
1963.....	14,400	31,700	1,700	7,800	25,500	6,600	140,600	22,600
1964.....	12,000	35,600	2,600	8,200	23,800	5,400	140,600	17,500
1965.....	13,400	32,800	2,200	6,600	17,700	4,000	131,000	14,000
1966.....	10,200	34,600	2,400	9,200	16,000	4,000	111,500	14,000
1967.....	14,800	36,300	2,000	12,000	17,100	5,600	138,000	16,900
1968.....	15,000	27,400	1,100	9,600	16,500	6,400	114,700	23,600
1969.....	3,800	16,100	1,000	6,600	9,200	5,100	71,300	14,100
1970 <sup>1</sup> .....	7,200	26,800	1,600	8,900	12,700	7,000	105,400	16,700

<sup>1</sup> Preliminary.

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Table 850.—Alaska crops: Value of production, 1961-70

Year	Oats for grain	Barley for grain	All hay	All silage	Potatoes	Other vegetables
	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>	<i>Dollars</i>
1961.....	71,000	172,000	653,000	464,000	783,000	201,000
1962.....	97,000	176,000	674,000	498,000	666,000	237,000
1963.....	65,000	135,000	551,000	594,000	612,000	201,000
1964.....	52,000	144,000	626,000	540,000	1,043,000	209,000
1965.....	57,000	131,000	528,000	412,000	756,000	197,000
1966.....	42,000	140,000	673,000	360,000	619,000	208,000
1967.....	62,000	144,000	770,000	363,000	642,000	214,000
1968.....	68,000	117,000	588,000	344,000	654,000	283,000
1969.....	14,000	59,000	532,000	257,000	471,000	164,000
1970 <sup>1</sup> .....	29,000	106,000	788,000	355,000	643,000	201,000

<sup>1</sup> Preliminary.

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